AUTHORIZED TRANSLATION



Minister of Trade of the Republic of Indonesia REGULATION OF THE MINISTER OF TRADE OF THE REPUBLIC OF INDONESIA NUMBER : 44 M/DAG/PER/9/2009 CONCERNING

PROCUREMENT, DISTRIBUTION AND CONTROL OF HAZARDOUS MATERIALS UPON BLESSINGS OF THE ONLY GOD

THE MINISTER OF TRADE OF THE REPUBLIC OF INDONESIA,

Considering

: a. That the procurement, distribution and use of hazardous materials is continuously increasing, either their types or amount, and that they are easy to be obtained in the market;

- b. That due to the condition as meant in letter a, the misuse of their allocation is easy to occur, which may cause disruption toward the health, security and safety of human beings, animals, plants and environment;
- c. That in the efforts to enhance the prevention toward the misuse of hazardous materials, it is necessary to re-regulate the policies related to the aspects of procurement, distribution, sales and control of hazardous materials originating from domestic and imported sources;
- d. That based on the considerations as meant in letter a, letter b, and letter g, it is necessary to determine the Regulation of the Minister of Trade.

In view of

- : 1. Bedrijfsreglementerings Ordonnantie (Company Regulation Law) of 1934 (State Gazette of 1938 Number 86);
 - Ordonnantie (Law) of Hazardous Chemicals (State Gazette of 1949 Number 377;
 - Emergency Law Number 7 of 1955 concerning the Investigation, Taking of Legal Actions and Judicial Administration of Economic Crime (State Gazette of the Republic of Indonesia Number 801), as has been several times amended and latest with Law Number 17 of 1964;



- Law Number 1 of 1970 concerning Work Safety (State Gazette of 1970 Number 1, Supplement to the State Gazette Number 2918);
- Law Number 3 of 1982 concerning compulsory Registration of Companies (State Gazette of 1982 Number 7, Supplement to the State Gazette Number 3214);
- Law Number 21 of 1992 concerning Shipping (State Gazette of the Republic of Indonesia of 1992 Number 98, Supplement to the State Gazette of the Republic of Indonesia Number 3495);
- Law Number 23 of 1992 concerning Health (State Gazette of the Republic of Indonesia of 1992 Number 100, Supplement to the State Gazette of the Republic of Indonesia Number 3495);
- Law Number 7 of 1994 concerning the Ratification of the Agreement on Establishing The World Trade Organization (State Gazette Number 3564);
- Law Number 10 of 1995 concerning Customs (State Gazette of the Republic of Indonesia of 1995 Number 75, Supplement to the State Gazette Number 3612) as has been amended with Law Number 17 of 2006 (State Gazette of 2006 Number 93, Supplement to the State Gazette Number 4661);
- Law Number 7 of 1996 concerning Food (State Gazette of the Republic of Indonesia of 1996 Number 09, Supplement to the State Gazette of the Republic of Indonesia Number 3656);
- Law Number 23 of 1998 concerning Environment Processing (State Gazette of the Republic of Indonesia of 1997 Number 68, Supplement to the State Gazette of the Republic of Indonesia Number 3699);
- Law Number 6 of 1998 concerning the Ratification of the Convention On The Prohibition Of The Development, Production, Stockpiling And Use Of Chemical Weapons And On Their Destruction (State Gazette of the Republic of Indonesia of 1998 Number 171);
- Law Number 8 of 1999 concerning the Prohibition of Unhealthy Business Monopoly and Competition Practice (State Gazette of the Republic of Indonesia of 1999 Number 33, Supplement to the State Gazette of the Republic of Indonesia Number 3817);
- Law Number 8 of 1999 concerning Consumer Protection State Gazette of the Republic of Indonesia of 1999 Number 42, Supplement to the State Gazette of the Republic of Indonesia Number 3821);
- 15. Law Number 32 of 2004 concerning Local Government (State Gazette of the Republic of Indonesia of 2004 Number 125, Supplement to the State Gazette of the Republic of Indonesia Number 4437) as has been amended several times, latest with Law Number 12 of 2008 (State Gazette of the WO

Republic of Indonesia Number 59, Supplement to the State Gazette of the Republic of Indonesia Number 4844);

- Law Number 29 of 2007 concerning The Provincial Government of Jakarta Capital Special Region of the Unitary State of the Republic of Indonesia (State Gazette of the Republic of Indonesia of 2007 Number 93, Supplement to the State Gazette of the Republic of Indonesia Number 4744);
- Government Regulation Number 69 of 1999 concerning Food Label and Advertisement (State Gazette of the Republic of Indonesia of 1999 Number 131, Supplement to the State Gazette of the Republic of Indonesia Number 3867);
- Government Regulation Number 58 of 2001 concerning Guidance and Control on Consumer Protection (State Gazette off the Republic of Indonesia of 2001 Number 103, Supplement to the State Gazette of the Republic of Indonesia Number 4126);
- Government Regulation Number 74 of 2001 concerning the Management of Hazardous and Toxic Materials (State Gazette of the Republic of Indonesia of 2001 Number 138, Supplement to the State Gazette of the Republic of Indonesia Number 4153);
- Government Regulation Number 28 of 2004 concerning Food Security, Quality and Nutrition (State Gazette of the Republic of Indonesia of 2004 Number 107, Supplement to the State Gazette of the Republic of Indonesia Number 4424);
- Government Regulation Number 38 of 2007 concerning Allocation of Administration Affairs Among the Government, Provincial Government and Regency/City Government (State Gazette of the Republic of Indonesia of 2007 Number 82, Supplement to the State Gazette of the Republic of Indonesia Number 4737);
- Decree of the President of the Republic of Indonesia Number 260 of 1967 concerning the ratification of the Duties and Responsibilities of the Minister of Trade in the Foreign Trade Sector.
- 23. Presidential Decree Number 65 of 1998 concerning the Ratification of the International Convention on the Safety of Life at Sea 1974;
- 24. Presidential Decree Number 187/M of 2004 concerning the Formation of the United Indonesia Cabinet, as has been several times amended, latest with the Presidential Decree Number 171/M of 2005;
- 25. Presidential Regulation Number 9 of 2005 concerning the Status, Duties, Functions, Organization Structure and Working Method of the State Ministries of the Republic of Indonesia as has been several times amended, latest with the Presidential Regulation Number 20 of 2008;



- 26. Presidential Regulation Number 10 of 2005 concerning the Organization Unit and Duties of Echelon 1 of the State Ministries of the Republic of Indonesia, as has been amended several times, latest with the Presidential Regulation Number 50 of 2008;
- 27. Decree of the Minister of Industry Number 148/M/SK/4/1985 concerning Securing of Toxic and Hazardous Materials at the Industrial Companies;
- Regulation of the Minister of Health Number 239/Menkes/Per/V/1985 concerning Certain Color Substances that are Declared as hazardous Materials;
- Decree of the Minister of Industry and Trade Number 229/MPP/Kep/7/1997
 Concerning General Provisions in the Import Sector;
- Decree of the Minister of Manpower Number 187/MEN/1999 concerning Hazardous Chemicals Court at the Work Place;
- Regulation of the Minister of Health Number 722/MENKES/PER/IX/1988 jo.
 Number 1168/ MENKES/PER/X/1999 concerning Food Supplement;
- Decree of the Minister of Industry and Trade Number 230/MPP/Kep/7/1997 concerning Goods which Import Commercial Structure is Regulated as has been several times amended, latest with the Decree of the Minister of Industry and Trade Number 471/MPP/Kep/6/2003;
- Regulation of the Minister of Health Number 1184/Menkes/Per/X/2004 concerning Securing of Health Equipments and Introduction of Domestic Health;
- Regulation of the Minister of Trade Number 01/M-DAG/PER/3/2005 concerning the Organization and Working Method of the Ministry of Trade as has been several times amended, latest with the Regulation of the Minister of Trade Number 24/M-DAG/PER/6/2009;
- 37. Regulation of the Minister of Trade Number 16/M-DAG/PER/3/2006 concerning Warehouse Structuring and Supervision;
- Regulation of the Minister of Trade Number 31/M-DAG/PER/7/2007 concerning the Importer Identification Number (API);
- Regulation of the Minister of Trade Number 36/M-DAG/PER/9/2007 concerning Issuance of the Trade License;
- Regulation of the Minister of Trade Number 20/M-DAG/PER/5/2009 concerning the Provisions and Method of Control on Goods and/or Services.

HAS DECREED:

To enact

: THE REGULATION OF MINISTER OF TRADE CONCERNING THE PROCUREMENT, DISTRIBUTION AND CONTROL ON HAZARDOUS MATERIALS.

CHAPTER I GENERAL PROVISIONS

Article 1

In this Regulation of the Minister what is meant by:

- 1. Hazardous Materials, hereinafter abbreviated B2, are the substances, chemicals and biological substances, either in single or mixed form, which may endanger health and the environment, directly or indirectly, that are toxic, carcinogenic, teratogenic, mutagenic, corrosive and irritation.
- Company is each form of individual business or business organization owned by the Indonesian Citizen and is domiciled within the territory of the Republic of Indonesia, either in form of legal corporate or non-legal corporate, which carries out the B2 trade business activities.
- Producer of Hazardous Materials, hereinafter abbreviated P-B2, is the company that domestically produces B2 and possesses the Industrial Business License from the authorized Government Agency.
- 4. Producer Importer of Hazardous Materials, hereinafter abbreviated IP-B2, is the Producer Importer recognized by the Directorate General of Foreign Trade and is approved to self import, which is only allocated to fulfill the production process need of the concerned company.
- Registered Importer of Hazardous Materials, hereinafter abbreviated IT-B2, is the non Producer Importer, owner of the General Importer Identification Number (API-U), which obtains the approval and special assignment from the Directorate General of Foreign Trade to import B2.
- Registered Hazardous Material Distributor, hereinafter abbreviated DT-B2, is the company appointed by P-B2 and/or IT-B2 and has obtained the special trade business license from the Directorate General of PDN to distribute B2 to PT-B2 or directly to PA-B2.
- 7. Company Branch Office is the company that is a unit or division of its parent company, which may be domiciled at a different location and may be independent or is assigned to implement part of the assignments of its parent company.
- Registered Retailer of Hazardous Materials, hereinafter abbreviated PT-B2, is the company appointed by DT-B2 and has obtained the special trade business license for B2 from the Governor, in this case Head of the Provincial Government Service, to sell B2 to PA-B2.
- 9. End User of Hazardous materials, hereinafter abbreviated PA-B2, is the industrial company that uses B2 as the standard/supporting material, which is physics chemically processed, causing the change of the physics and chemical characteristics and obtains the added value, and the business company or institution that uses B2 as supporting material according to its allocation and has obtained the license from the authorized government agency.
- 23. Minister is the Minister whose duties and responsibilities are in the trade sector.

CHAPTER II TYPES OF HAZARDOUS MATERIALS

Regulation of The Minister of Trade of The Republic of Indonesia Number: 44 M/DAG/PER/9/2009

- (1) The import trade of the B2 type is regulated and its distribution consists of chemicals that endanger health and damage the environment conservation, as contained in Appendix I and Appendix II of this Regulation of the Minister.
- (2) The B2 type, as meant in paragraph (1), may only be reviewed according to the development.
- (3) The B2 type, as meant in paragraph (1), may only be used or utilized according to its allocation.
- (4) The B2 type, as meant in paragraph (1), is prohibited to be used and utilized for food, cosmetics and industry related to food.

CHAPTER III PROCUREMENT OF IMPORT

Article 3

- (1) The P-B2 that will import B2, as meant in Article 2 paragraph (1), should obtain the recognition as IP-B2 from the Minister, in this case the Director General of Foreign Trade.
- (2) The P-B2 that proposes the request for recognition as IP-B2, as meant in paragraph (1), should submit a written request to the Minister, in this case the Director General of Foreign Trade, attaching the following documents:
 - a. Photocopy of the Industrial Business License / Industrial Registration Number or other business licenses from the Technical Government Agency;
 - b. Photocopy of the Producer Importer Identification Number (API-P);
 - c. Photocopy of the Company Registration (TDP);
 - d. Photocopy of Taxpayer Registration Number (NPWP);
 - e. Photocopy of Customs Identity Number (NIK);
 - f. Recommendation from authorized officials in the industrial sector, for the non-pharmacy industry; and
 - g. Recommendation from the authorized officials in the sector of food and drugs control for the pharmacy, cosmetic, food and food packing industry.
- (3) Based on the written request, as meant in paragraph (2), the Director General of Foreign Trade, on behalf of the Minister, issues the recognition as IP-B2 within not later than 5 (five) working days as of the date of completely and correctly receiving the request.
- (4) B2 that is imported by IP-B2 is only for the need of the production process and is prohibited to be sold or traded or transferred to another party.

- (1) The company that is determined as IT-B2 for the B2 type, as meant in Article 2 paragraph (1), is an Indonesian Trade Limited Liability Company (Holding).
- (2) Each implementation of B2 import by the company, as meant in paragraph (1), should obtain the import approval from the Director General of Foreign Trade after obtaining the

Regulation of The Minister of Trade of The Republic of Indonesia Number: 44 M/DAG/PER/9/2009

recommendation from the authorized official in the sector of:

- a. Drugs and food control for the pharmacy, cosmetic, food and food packing industry; or
- b. Industry for the non-pharmacy industry.

Article 5

The recognition as IP-B2 or determination as IT-B2 is applicable for 1 (one) year effective as of the issuance date of the IP-B2 recognition or IT-B2 determination and may be extended.

CHAPTER VI DISTRIBUTION OF HAZARDOUS MATERIALS

Article 6

The transportation of B2 from the destination port to the IP-B2 or IT-B2 warehouse should comply with the procedures and provisions of the relevant government agency and equipped with the *Emergency Transport Guide*.

Article 7

- (1) The B2 type, as meant in paragraph 2, may only be distributed by P-B2, IT-B2, IP-B2, DT-B2, and PT-B2.
- (2) In distributing B2, as meant in paragraph (1), the P-B2, IT-B2, IP-B2, DT-B2, and PT-B2 are required to comply with the following provisions:
 - a. IP-B2 distributes B2 only for the need of the production process of the concerned company;
 - b. IT-B2 distributes B2 to DT-B2, PT-B2 and/or PA-B2;
 - c. P-B2 may distribute B2 to DT-B2, PT-B2 and/or PA-B2;
 - d. DT-B2 may distribute B2 to PT-B2 and/or PA-B2;
 - e. PT-B2 may only distribute B2 to PA-B2.
- (3) IT-B2 or DT-B2 may distribute B2 their Company Branch Offices.

- (1) The distribution of B2 by P-B2, IT-B2, DT-B2 should be completed with the LDK/SDS as contained in Appendix III of this Regulation of the Minister.
- (2) The B2, which is distributed as meant in paragraph (1), should be packed by using the packing in accordance with the provisions of the legislative regulations and requirements of the *International Maritime Dangerous Goods Code* (IMDG Code/United Nation Standard).
- (3) The packing, as meant in paragraph (2), should be affixed with the label that contains the name[type of B2, name and address of P-B2 or IT-B2 that makes the repacking, netweight/volume, allocation, pictogram/symbol of hazard, signal word, and statement of hazard

that refers to the general guiding, as contained in Appendix IV of this Regulation of the Minister.

Article 9

- (1) The B2 type, as meant in Article 2 paragraph (1) of Appendix II of this Regulation of the Minister, is distributed by using the packing with the minimum size as contained in such Appendix.
- (2) The B2 type, as meant in paragraph (1), which is repacked, should comply with the requirements as meant in Article 8 paragraph (2).
- (3) The repacking, as meant in paragraph (2), may only be carried out by IT-B2 for the imported B2 type and by DT-B2 for the domestic produced B2 type and/or imported product.

CHAPTER V LICENSING

Article 10

- (1) The authority to issue the SIUP-B2 is at the Minister.
- (2) The Minister delegates the authority to issue the SIUP-B2, as meant in paragraph (1), to:
 - a. Director General of PDN for SIUP-B2 for DT-B2;
 - B. Governor, in this case the Head of the Provincial Government Service for SIUP-B2 for PT-B2
- (3) The SIUP-B2 is applicable for 3 (three) years and may be extended before the expiration of the validity term.
- (4) The original of SIUP-B2, which is issued by the Directorate General of PDN, as meant in paragraph (2) letter a, is submitted to the company and its copies are submitted to the Head of the Provincial Government Service and Head of the local Regency/City Government Service.
- (5) The original of SIUP-B2, which is issued by the Head of the Provincial Government Service, as meant in paragraph (2) letter b, is submitted to the company and its copies are submitted to the Director General of PDN and Head of the local Regency/City Government Service.

- (1) The request to obtain SIUP-B2 for DT-B2 uses the form as contained in Appendix V of this Regulation of the Minister and is submitted to the Director General of PDN with the following requirements:
 - a. The company is in form of Limited Liability Company, Limited Partnership or Business Firm.

- b. Complies with the general requirements to conduct trade, namely in possession of SIUP, TDP, SITU/Disturbance Permit (HO), and NPWP;
- c. In possession of the appointment letter from P-B2, IT-B2 or the combination of both;
- In possession of Emergency Response System equipments and Experts in the sector of B2 Management, and
- e. In possession of and/or controlling the B2 distribution means in form of storage location, repacking facilities, and transportation means that comply with security, safety, health and environment conditions, proven by the Minutes of Physical Inspection by the local Provincial Inspection Team.
- (2) The request to obtain the SIUP-B2 for PT-B2 uses the form as contained in Appendix V of this Regulation of the Minister and is submitted to the Head of the Provincial Government Service, with the following requirements:
 - a. Company is in form of business corporate;
 - b. Complies with the general requirements to carry out trade, such as SIUP, TDP, SITU/Disturbance License (HO), and NPWP;
 - c. In possession of storage facilities that comply with the security, safety, health and environmental conditions, proven by the Minutes of Physical Inspection carried out by the local Regency/City Inspection Team, and
 - d. In possession of the appointment letter from DT-B2.
- (3) In case the requests to obtain the SIUP-B2 for DT-B2, as meant in paragraph (1) and SIUP-B2 for PT-B2, as meant in paragraph (2) have complied with stipulations, then Directorate General of PDN issues the SIUP-B2 for DT-B2 and the Head of the Provincial Government Service issues the SIUP-B2 for DT-B2 within not later than 5 (five) working days after receiving the complete and correct requests by using the format as contained in Appendix VI of this Regulation of the Minister.
- (4) The distribution means Inspection Team, as meant in paragraph (1) letter e is established by the Governor, consisting of the provincial service elements whose tasks and responsibilities are in the sectors of health, industry, trade, manpower, agriculture, drugs and food control, environment, and/or experts as well as other technical government services in accordance with the need.
- (5) The storage facilities Inspection Team, as meant in paragraph (2) letter c, is established by the Bupati /Mayor, consisting of elements from the regency/city government service whose tasks and responsibilities are in the sectors of health, industry, trade, manpower, agriculture, drugs and food control, and/or experts as well as other technical government services in accordance with the need.
- (6) In performing its tasks, the Provincial Inspection Team or Regency/City Inspection Team, as meant in paragraph (4) and paragraph (5), may coordinate with the Directorate General of

Regulation of The Minister of Trade of The Republic of Indonesia Number: 44 M/DAG/PER/9/2009

Domestic Trade (PDN).

Article 12

- (1) The Company Branch Office, as meant in Article 7 paragraph (3), if its head office has the:
 - a. The determination as IT-B2, may distribute B2 to DT-B2, PT-B2 and PA-B2; or
 - b. SIUP B2 as DT-B2, then it may distribute B2 to PT-B2 and PA-B2.
- 2) The Company Branch Office, as meant in paragraph (1), if it does not distribute B2, then it may function as retailer in distributing B2 to PA-B2, with the obligation of possessing the SIUP-B2 as PT-B2.
- (3) In distributing B2, the Company Branch Office, as meant in paragraph (1), should comply with the following requirements:
 - a. In possession of TDP, SITU/Disturbance Permit (HO), and NPWP;
 - In possession of the Emergency Response System and Experts in the sector of B2 Management; and
 - c. In possession of and/or controlling the B2 distribution means storage, repacking facilities and transportation means that comply with conditions of security, safety, health, and environment, which is proven with the Minutes of Physical Inspection by the local Provincial Inspection Team.
- (4) The Company Branch Office, which has complied with the requirements, as meant in paragraph
 (3), notifies the determination of IT-B2 or SIUP-B2 as DT-B2 of its head office in writing to the Head of the local Provincial Government Service.
- (5) The Head of the Government Service, as meant in paragraph (4), affixes his signature and seal at the front page of the photocopy of the determination of IT-B2 or SIUP-B2 as DT-B2 of its head office within not later than 3 (three) working days after receiving the notification and requirements documents completely and correctly.

CHAPTER VI REPORTING

- (1) IP-B2 and IT-B2 are required to submit the B2 import realization report to:
 - a. Director General of Foreign Trade;
 - b. Director general of Agrochemical Industry of the Ministry of Industry; and
 - c. Deputy of Food and Hazardous Materials Security Control Sector of the Drugs and Food Control Agency.
- (2) The submission of report, as meant in paragraph (1), is implemented within not later than 15 (fifteen) calendar days effective as of the B2 arrival date at the port of unloading by using the IP-B2 and IT-B2 import realization report form, according to the sample in Appendix Viii of this wood the sample in Appendix Viii of t

Regulation of the Minister.

- (3) IP-B2 is required to submit the B2 use realization report to the Director General of Agrochemical Industry of the Ministry of Industry, with copies to:
 - a. Director General of Domestic Trade (PDN); and
 - b. Deputy of Food and Hazardous Materials Security Control Sector of the Drugs and Food Control Agency.
- (4) IT-B2 is required to submit the B2 distribution realization report to DT-B2, PT-B2 and/or PA-B2 to the Director General of PDN with copies to:
 - a. Director General of Foreign Trade;
 - b. Director General of Agrochemical Industry of the Ministry of Industry; and
 - c. Deputy of Drugs and Food Security Control Sector of the Drugs and Food Control Agency.
- (5) If the IT-B2, as meant in paragraph (1), has a branch office that distributes B2 of the company head office, then the submitted report should include the distribution made by the branch office.
- (6) The submission of report, as meant in paragraph (4), is carried out every 3 (three) months, effective as of the issuance date of appointment as IT-B2 by using the ex-import B2 distribution realization report form, according to the sample in Appendix VIII of this Regulation of the Minister.
- (7) In case the import of B2 has not been implemented yet and the ex-import B2 distribution has not been implemented yet, as meant in paragraph (1) and paragraph (4), then the IT-B2 is still required to submit the report in form of zero report.

- (1) DT-B2 is required to submit the report to the Director General of PDN concerning the procurement of B2 from P-B2 and/or IT-B2 as well as its distribution by using the sample as contained in Appendix IX of this Regulation of the Minister with copies to:
 - Deputy of Food and Hazardous Materials Security Control Sector of the Drugs and Food Control Agency;
 - b. Director General of Agrochemical Industry of the Ministry of Industry; and
 - c. Head of the Provincial Government Service at the domicile of company and distribution area of B2.
- (2) If the DT-B2, as meant in paragraph (2), has a branch office that distributes B2 of the company head office, then the report that is submitted, including the distribution, is carried out by the branch office.



- (3) PT-B2 is required to submit the report concerning the data of the distributed B2 to the Head of the local Provincial Government Service by using the sample of report as contained in Appendix X of this Regulation of the Minister with copies to:
 - a. Director General of PDN;
 - Deputy of the Food and Hazardous Materials Security Control Sector of the Drugs and Food Control Agency;
 - c. Director General of Agrochemical Industry of the Ministry of Industry; and
 - d. Head of Regency/City Government Service at the domicile of the company.
- (4) The Head of the Provincial Government Service submits the recapitulation of report, as meant in paragraph (3), to the Director General of PDN.
- (5) PA-B2 is required to submit the report concerning the data on the procurement of B2 to Head of the Regency/City Government Service by using the sample of report as contained in Appendix XI of this Regulation of the Minister with copies to:
 - a. Director General of PDN;
 - b. Deputy of the Food and Hazardous Materials Security Control Sector of the Drugs and Food Control Agency;
 - c. Director General of Agrochemical Industry of the Ministry of Industry; and
 - d. Head of the local Provincial Government Service.
- (6) The Head of the Provincial Government Service submits the recapitulation of the report, as meant in paragraph (4) to the Director General of PDN.
- (7) The submission of report, as meant in paragraph (1), paragraph (3) and paragraph (5) and in Article 13 paragraph (6), is carried out every quarter of the running calendar year as follows:
 - Quarter I is submitted on 31 March.
 - Quarter II is submitted on 30 June.
 - Quarter III is submitted on 30 September
 - Quarter IV is submitted on 31 December
- (8) The obligation to report for PA-B2, as meant in paragraph (5) is accepted for the industrial company as IP-B2 that uses B2 as the standard/supporting material for its industrial activities.

Article 15

The B2 distribution report as meant in Article 14 for:

- a. DT-B2 contains at least:
 - 1) Name and address of PT-B2 and/or PA-B2
 - 2) Type of CAS B2 number;
 - 3) Weight or net volume of B2;



- 4) Initial stock and final stock;
- 5) Time of B2 sales (date, month, year); and
- 6) Name and address of P-B2 and IT-B2 that distribute B2.

b. PT-B2 contains at least:

- 1) Name and address of PT-B2
- 2) Type of CAS B2 number;
- 3) Weight and net volume of B2
- 4) Time of B2 sales (date, month, year); and
- 5) Names and addresses of P-B2, IT-B2, and DT-B2 that distribute B2.

c. PA-B2 contains at least:

- 1) Type and weight or net volume of B2 that is purchased and the allocation;
- 2) Initial stock and final stock;
- 3) Time of B2 purchase (date, month, year); and
- 4) Names and addresses of P-B2, IT-B2, DT-B2, and PT-B2 that distribute B2.

Article 16

- (1) In case the DT-B2, PT-B2, and PA-B2 cease their business activities, then they should report their B2 stock position to:
 - a. Directorate General of PDN for DT-B2
 - b. Governor, in this case Head of Provincial Government Service for PT-B2 and PA-B2 that are domiciled in the local Province.
- (2) The report, as meant in paragraph (1) is submitted within not later than 5 (five) working days as of the date of ceasing the business activities, which is proven by the Business Activity Cessation Statement from the concerned.
- (3) In case there is still a stock of B2 of the company, as meant in paragraph (1), then such stock should be returned to:
 - a. P-B2 and/or IT-B2 for B2 originating from the concerned DT-B2.
 - b. DT-B2 for B2 originating from PT-B2 and/or from the concerned PA-B2; and
 - c. PT-B2 for B2 originating from the concerned PA-B2.

CHAPTER VII PROHIBITION

- (1) IP-B2 is prohibited to:
 - a. Sell/purchase and/or transfer B2 to other parties;



- b. Import goods/materials, which types and/or amounts are not in accordance with what are contained in the recognition as IP-B2; and
- c. Import goods/materials as contained in the recognition as IP-B2, which validity term is expired.
- (2) IT-B2 is prohibited to:
 - a. import goods/materials, which types and/or amounts are not in accordance with what are contained in the determination as IT-B2;
 - b. import goods/materials, as contained inb the determination as IT-B2, which validity term has expired; and
 - c. Use B2 that is imported not in accordance with its allocation as contained in the determination as IT-B2.

Article 18

Each individual or business company, which has no9 recognition as IP-B2, determination as IT-B2 or SIUP-B2, is prohibited to:

- a. Distribute/circulate or sell B2, and/or
- b. Repack B2 from its original packing.

CHAPTER VIII GUIDANCE AND CONTROL

Article 19

The guidance for IP-B2, IT-B2, DT-B2, and PT-B2 in distributing B2 and for PA-B2 in using/utilizing B2 is conducted by the Ministry of Trade in coordination with related Technical Ministry/Agency.

Article 20

- (1) The control on the distribution, packing, and labeling of B2 covers the aspects of company licensing/legality, B2 distribution (types, realization of distribution, and B2 stock), distribution means for fluency of the B2 distribution implementation, equipments of the Emergency Response System and Experts in the sector of B2 Management, B2 distribution reporting, B2 labeling and packing, and Safety Data Sheet (SDS).
- (2) The control, as meant in paragraph (1), toward PA-B2 covers the aspect of B2 utilization/use in accordance with its allocation.

Article 21

(1) The control as meant in Article 20 may be carried out individually or jointly by the Employee/Official of the Directorate General of Domestic Trade, Employee/Official of the Provincial Government Service or Regency/City Government Service and/or jointly with the related Technical Government Agency.



- (2) The implementation of control conducted by the Employee/Official, as meant in paragrapoh (1), should be equipped with the assignment letter issued by the authorized Official for a certain time.
- (3) The authorized official, as meant in paragraph (2) is the:
 - Director General of PDN for the Employee/Official of the Directorate General of Domestic Trade (PDN);
 - b. Governor, in this case the Head of the Provincial Government Service for the Employee/Official of the Provincial Government Service;
 - c. The Bupati/Mayor, in this case the Head of the Regency/City Government Service for the Employee/Official of the Regency/City Government Service; and
 - d. Head of the related Government Agency who supervises the Employee/Official who conducts the control on B2.
- (4) The IP-B2, IT-B2, P-B2, DT-B2, PT-B2, and PA-B2 are required to provide the widest access concerning the correctness of the B2 distribution to the Official/Employee who conducts the control as meant in paragraph (1).

Article 22

- (1) The Employee/Official, as meant in Article 21 paragraph (2) submits the results of control to the Official who provides the assignment.
- (2) If the initial evidence is found in the control on the assumption of crime, then the Official/Employee, as meant in paragraph (1), immediately submits such finding to the investigator of the Indonesian Police completed with the cover letter from the Official who provides the assignment.

CHAPTER IX ANCTION

- The IP-B2 that violates the provisions of Article 3 paragraph (4), Article 6, Article 7 paragraph
 letter a, Article 13 paragraph (1) and paragraph (3), Article 17 paragraph (1), is imposed the administrative sanction in form of revocation of the recognition as IP-B2.
- (2) The IT-B2 that violates the provisions of Article 6, Article 7 paragraph (2) letter b, Article 8, Article 9 paragraph (1) and paragraph (2), Article 12 paragraph (4), Article 17 paragraph (2), is imposed the administrative sanction of revocation of the determination as IT-B2.
- (3) The DT-B2 that violates the provisions of Article 7 paragraph (2) letter d, Article 8, Article 9 paragraph (1) and paragraph (2), Article 12 paragraph (2) and paragraph (4), Article 14

paragraph (1), and Article 16 paragraph (1), is imposed the administrative sanction of the SIUP-B2 revocation.

- (4) The PT-B2, which violates the provisions of Article 7 paragraph (2) letter e, Article 14 paragraph
 (3) and Article 16 paragraph (1), is imposed the administrative sanction in form of the SIUP-B2 revocation.
- (5) The P-B2, which violates the provisions Article 7 paragraph (2) letter c and Article 8, Article 9 paragraph (1) and paragraph (2), is imposed the sanction of technical licensing revocation by the authorized official.
- (6) The PA-B2, which violates the provisions of Article 14 paragraph (5) and Article 16 paragraph (1), is imposed the sanction of technical licensing revocation by the authorized official.
- (7) In case the P-B2 and PA-B2 are imposed the administrative sanctions, as meant in paragraph (5) and paragraph (6), then the Minister or the appointed official submits the recommendation for the revocation of the technical licensing to the related government agency / authorized official.

Article 24

- (1) The administrative sanctions, as meant in Article 23 paragraph (3) and paragraph (4), is conducted after providing 3 (three) written warnings with the grace period of 1 (one) month.
- (2) The formats of the written warning and revocation of SIUP-B2 are as contained in Appendix XII and Appendix XIII of this Regulation of the Minister.

Article 25

- (1) The IP-B2 that violates the provisions of Article 6, Article 8 and Article 17 paragraph (1) letter b and letter c, is imposed the sanction as regulated in the provisions of the legislative regulations.
- (2) The IT-B2 that violates the provisions of Article 6, Article 8 and Article 17 paragraph (2) letter a and letter b, is imposed the sanction as regulated in the provisions of the legislative regulations.
- (3) The DT-B2 that violates the provisions of Article 8, Article 17 paragraph (1) and paragraph (3), is imposed the sanction as regulated in the provisions of the legislative regulations.
- (4) The Company Branch office that violates the provisions of Article 12 paragraph (2), is imposed the sanction as regulated in the provisions of the legislative regulations.

Article 26

Each individual or business company that violates the provisions as meant in Article is imposed the sanction as regulated in the provisions of the legislative regulations.



Article 27

- (1) The B2 types that do not comply with the provisions, as meant in Article 2 paragraph (4), should be3 withdrawn from its circulation.
- (2) The withdrawal of B2 from its circulation, as meant in paragraph (1), is instructed by the authorized official and the withdrawal is implemented by the concerned company.
- (3) The costs for withdrawal of B2, as meant in paragraph (2), are charged to the concerned company.

CHAPTER X TRANSITIONAL PROVISIONS

Article 28

The recognition as IP-B2, appointment as IT-B2, Import Approval of B2, SIUP-B2 for DT-B2 and SIUP-B2 for PT-B2, which were issued prior to this Regulation of the Minister, are declared as still applicable until expiry of their validity terms.

CHAPTER XI OTHER PROVISIONS

Article 29

The implementation provisions and other technical matters that are not regulated in this regulation, are further regulated by the:

- a. Director General of PDN with regard to the domestic B2 distribution; and
- b. Director General of Foreign Trade with regard to the import of B2.

CHAPTER XII CLOSING PROVISIONS

Article 30

At the time this Regulation of the Minister commences effective:

- a. The Regulation of the Minister of Trade of the Republic of the Republic of Indonesia Number: 04/M-DAG/PER/2/2006 concerning the Distribution and Control of Hazardous Materials as has been amended with the Regulation of the Minister of Trade of the Republic of Indonesia Number 08/M-DAG/PER/3/2006; and
- b. The Decree of the Minister of Industry and Trade of the Republic of Indonesia Number: 254/MPP/Kep/7/2000 concerning the Import Commercial Method and Circulation of Certain Hazardous Materials.



Regulation of The Minister of Trade of The Republic of Indonesia Number: 44 M/DAG/PER/9/2009

Article 31

This Regulation of the Minister commences effective 60 (sixty) as of the date of enactment.

To be known by all men, instructs the enactment of this Regulation of the Minister by its placement in the State Gazette of the Republic of Indonesia.

Stipulated : in Jakarta On : September 15, 2009

MINISTER OF TRADE OF THE REPUBLIC OF INDONESIA,

signed MARI ELKA PANGESTU





APPENDIX OF THE REGULATION OF THE MINISTER OF TRADE OF THE REPUBLIC OF INDONESIA

NUMBER	:	44/M-DAG/PER/9/2009
DATE	:	15 September 2009

			LIST OF APPENDIXES
A.	APPENDIX I	:	Types of Hazardous Materials which Import Trade Structure is regulated.
В.	APPENDIX II	:	Types of Hazardous Materials which Distribution and Control are regulated.
C.	APPENDIX III	:	Safety Data Sheet (SDS)
D.	APPENDIX IV	:	General Guidance of Chemicals With Regard to the Hazard Characteristic, Hazar
			Category, Pictogram / Hazard Symbol, Signal Word, and Declaration of Hazard.
E.	APPENDIX V	:	Form for Application of Trade Business License for Hazardous Materials (Siup-B2)
F.	APPENDIX VI	:	Trade Business License for Hazardous Materials (Siup-B2) as DT-B2 and PT-B2
G.	APPENDIX VII	:	Report of B2 Import Realization.
H.	LAMPIRAN VIII	:	Report of Distribution Realization of ex Imported B2
I.	APPENDIX IX	:	Report of Hazardous Material Distribution and Refistered Distributor of Hazardou
			Materials:
			IX-1. Data of Hazardous Materials Supply
			IX-2. Realization of Distribution to Registered Retailers
			IX-3. Realization of Distribution to End Users
			X-4. Stock Position (Date/Month/Year)
J.	APPENDIX X	:	Report on Distribution of Hazardous Materials from Hazardous Material Registere
			Retailers:
			X-1. Data of Hazardous Materials Supply
			X-2. Realization of Distribution to End Users
			X-3. Stock P:osition (Date/Month/Year)
K.	APPENDIX XI	:	Report of Hazardous Materials Utilization/Allocation from End Users of Hazardou
			Materials:
			XI-1. Data of Hazardous Materials Supply
			XI-2. Realization of Hazardous Materials Allocation
			XI-3. Stock Position (Date/Month/Year)
L.	APPENDIX XII	:	Warning concerning the Implementation of the SIUP and/or SIUP-B2 Provisions.
M.	APPENDIX XIII	:	Revocation of the Trade Business License (SIUP) and/or Trade Business License
1			of Hazardous Materials (SIUP-B2)
CRIAN	PERDAG		
10	APPENDIX XIII	orms	with original, MINISTER OF TRADE OF THE
711	Sectret	tariat	General REPUBLIC OF INDONESIA
1 n	Ministry of Trade of	the I	Republic of Indonesia signed
KI	Head of	Lega	al Bureau, MARI ELKA PANGESTU
RETAR	HAT JENDE Head of	signe	ed
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TYPES OF HAZARDOUS MATERIALS WHICH IMPORT COMMERCIAL METHOD IS REGULATED

NO.	CAS NO.	HS CODE	DETAILS OF GOODS	IMPORT TRADE METHOD
1	2	3	4	5
			Natural borate and its concentration (burned or not),	but not including
			borate that is separated from natural salt, and na	atural borate acid
			containing not more than 85% M3BO3 calculated from th	ne dry weight.
1	1330 - 43 - 4	2528100000	- Natural borate sodium and its concentration (casing	IT-B2/IP-B2
			or not)	
			Alkali metal or soil alkali metal: scarce soil metal, so	codium and itrium
			mixed or its alloy or not, mercury.	
2	7439 – 97 – 6	2805400000	- Mercury	IT-B2/IP-B2
			Cyanide, cyanide oxide and complex cyanide.	
	=		- Cyanide and cyanide oxide	
3	143 - 33 - 9	2837110000	- Mercury	IT-B2/IP-B2
4	-	2837190000	- Others	IT-B2/IP-B2
5	-	2837200000	- Complex cyanide	IT-B2/IP-B2
			- Borate; Peroxoborate (Perborate)	
			- Dinatrium tetraborate (refined borax);	
6	7632 - 04 - 4	2840110000	- Without water	IT-B2/IP-B2
7	-	2840190000	- Others	IT-B2/IP-B2
8	k-	2840200000	- Other borates	IT-B2/IP-B2
9	7632-04-4	2840300000	- Peroxoborate (perborate)	IT-B2/IP-B2
			Aldehide, other oxygen functions or not, cyclic polyn	ner from aldehide
			paraformaldehide – Acyclic aldehide without other oxyge	n functions.
		2912111000		n functions.
10	50-00-0	2912111000 2912119000	paraformaldehide – Acyclic aldehide without other oxyge Methanal (Formaldehide)	n functions.
			Methanal (Formaldehide)	IT-B2/IP-B2
10 11	50-00-0 587-98-4	2912119000		
		2912119000 3204121000	Methanal (Formaldehide)	
11	587-98-4	2912119000 3204121000 3204121000	Methanal (Formaldehide) Metanil Yellow	IT-B2/IP-B2 IT-B2/IP-B2
11	587-98-4	2912119000 3204121000 3204121000	Methanal (Formaldehide) Metanil Yellow Rodamin B	IT-B2/IP-B2
11	587-98-4	2912119000 3204121000 3204121000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2
11	587-98-4 81-88-9	2912119000 3204121000 3204121000 3204130000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2
11	587-98-4 81-88-9	2912119000 3204121000 3204121000 3204130000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0,	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2
11 12 13	587-98-4 81-88-9 3734-97-2	2912119000 3204121000 3204121000 3204130000 2930900000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1)	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester
11 12 13	587-98-4 81-88-9 3734-97-2	2912119000 3204121000 3204121000 3204130000 2930900000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0-	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester
11 12 13 14	587-98-4 81-88-9 3734-97-2 78-53-5	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2
11 12 13 14 15	587-98-4 81-88-9 3734-97-2 78-53-5 382-21-8	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000 29000000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester 1-Propene, 1,1,3,3, 3-pentaflouro-2 (triflouromethyl)	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2 IT-B2/IP-B2
11 12 13 14 15	587-98-4 81-88-9 3734-97-2 78-53-5 382-21-8	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000 29000000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester 1-Propene, 1,1,3,3, 3-pentaflouro-2 (triflouromethyl) Benzeneaceatic acid, alpha-hydroxy-alpha-phenyl-1-	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2 IT-B2/IP-B2
11 12 13 14 15 16	587-98-4 81-88-9 3734-97-2 78-53-5 382-21-8 6581-06-2	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000 2903390000 2933399000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester 1-Propene, 1,1,3,3, 3-pentaflouro-2 (triflouromethyl) Benzeneaceatic acid, alpha-hydroxy-alpha-phenyl-1- azabicyclo(2,2,2)oct-3-yl ester	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2
11 12 13 14 15 16	587-98-4 81-88-9 3734-97-2 78-53-5 382-21-8 6581-06-2	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000 2903390000 2933399000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester 1-Propene, 1,1,3,3, 3-pentaflouro-2 (triflouromethyl) Benzeneaceatic acid, alpha-hydroxy-alpha-phenyl-1- azabicyclo(2,2,2)oct-3-yl ester Phosphonothioic acid, methyl, O-ethyl S-(1-methyl	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2
11 12 13 14 15 16 17	587-98-4 81-88-9 3734-97-2 78-53-5 382-21-8 6581-06-2 65167-53-5	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000 2903390000 2933399000 2933399000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester 1-Propene, 1,1,3,3, 3-pentaflouro-2 (triflouromethyl) Benzeneaceatic acid, alpha-hydroxy-alpha-phenyl-1- azabicyclo(2,2,2)oct-3-yl ester Phosphonothioic acid, methyl, O-ethyl S-(1-methyl ethyl) ester, (R)	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2
11 12 13 14 15 16 17	587-98-4 81-88-9 3734-97-2 78-53-5 382-21-8 6581-06-2 65167-53-5	2912119000 3204121000 3204121000 3204130000 2930900000 2930900000 2903390000 2933399000 2933399000	Methanal (Formaldehide) Metanil Yellow Rodamin B Chemicals List 2 and 3 Conversion of Chemical Weapon Phosphorothioic acide, S-(2 diethylamino)ethyl) 0, ethanedioate (1:1) Phosphorothioic acid, S-(2 diethylamino)ethyl) 0,0- diethyl ester 1-Propene, 1,1,3,3, 3-pentaflouro-2 (triflouromethyl) Benzeneaceatic acid, alpha-hydroxy-alpha-phenyl-1- azabicyclo(2,2,2)oct-3-yl ester Phosphonothioic acid, methyl, O-ethyl S-(1-methyl ethyl) ester, (R) Phosphonothioic acid, methyl, O-ethyl S-propyl ester,	IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 0- diethyl ester IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2 IT-B2/IP-B2

1			sister and the second s	1.0/
43	35851-62-8	2931009000	Phosphonothioic acid, methyl-, monomethyl ester, aluminium salt	IT-B2/IP-B2
10	25054 00 0	0004000000	oxooxazolo(4,5-b)pyridin-3(2H)yl)methyl) O-methyl ester	
42	37419-16-2	2934999000	Phosphonothioic acid, methyl-, S-((6-chloro-2-	IT-B2/IP-B2
41	37429-95-1	2934999000	Phosphonothioic acid, ethyl-, S-((6-chloro-2- oxooxazolo(4,5-b)pyridin-3(2H)yl)methyl) O-ethyl ester	IT-B2/IP-B2
40	37840-66-7	2933999000	Phosphonothioic acid, ethyl-, O-(1,6-dihydro-5- methoxy-1-methyl-6-oxo-4pyridazinyl) O-ethyl ester	IT-B2/IP-B2
39	50869-34-6	2930900000	Phosphonothioic acid, methyl-, O-(2,4-dichlorophenyl) S-(2-ethoxyethyl)ester	IT-B2/IP-B2
38	40618-52-8	2930900000	Phosphonothioic acid, ethyl-, S-butyl O-methyl ester	IT-B2/IP-B2
		2934999000	Phosphonothioic acid, methyl-, S-((6-choloro-2-oxooxa zolo (4,5-b)pyridin 3(2HO-y) metyl) O-ethyl ester	IT-B2/IP-B2
37	35575-81-6		ester, (.+.)	
36	65143-04-6	2930900000	triethyl ester Phosphonothioic acid, methyl-, O-cyclopentyl S-propyl	IT-B2/IP-B2
35	63815-52-1	2831009000	(S) Thioisophypophosphoric aci(HO)2P(s)(OH),ethyl-,	IT-B2/IP-B2
34	62742-85-2	2930900000	Phosphonothioic acid, ethyl-, O-ethyl S-Penyl ester,	IT-B2/IP-B2
33	62697-92-1	2930900000	Phosphonothioic acid, ethyl-, O-ethyl S-Penyl ester, (R)	IT-B2/IP-B2
32	65142-99-6	2930900000	Phosphonothioic acid, methyl, O-ethyl S-Propyl ester, (.+.)	IT-B2/IP-B2
31	60671-03-6	2933999000	Aziridine, 1,1-(methylphosphinylidine)bis(2-methyl	IT-B2/IP-B2
30	63815-54-3	2933599000	Phosphonothioic acid, ethyl-, O-ethyl (2-(ethylthio)-6- methyl-4-prymidiny) 0-metyl ester	IT-B2/IP-B2
29	62680-05-1	2930900000	Phosphonothioic acid, ethyl, ethyl- S-phenyl ester, (.+.)	IT-B2/IP-B2
28	63917-40-8	2931009000	1,3,5,2,4,6-Trihosphatriborin, 1,2,3,4,5,6-hexamethyl	IT-B2/IP-B2
27	63906-39-8	2930900000	Acetic acid, [[methyl(propylthio)phosphinothioy]thio]- ethyl ester	IT-B2/IP-B2
26	62421-46-9	2930900000	Phosphonothioic acid, ethyl, S-(4-chlorophenyl)o-ethyl ester	IT-B2/IP-B2
25	63815-53-2	2931009000	Phosphonamidothioic acid, P-methyl-N(1- naphatelnyloxy)-, O-ethyl ester	IT-B2/IP-B2
24	65143-02-4	2930900000	Phosphonothioic acid, methyl, O-ethyl S-phenylester, (+)	IT-B2/IP-B2
23	65143-01-3	2930900000	Phosphonothioic acid, methyl, S-buthyl O-ethyl ester, (+)	IT-B2/IP-B2
22	65167-51-3	2930900000	Phosphonothioic acid, methyl, O-ethyl S-propyl ester, (R)	IT-B2/IP-B2
21	63869-33-0	2930900000	Phosphonothioic acid, methyl, O-(2,4-dichlorophenyl) S-propyl ester	IT-B2/IP-B2
20	63869-31-8	2930900000	Phosphonothioic acid, ethyl, S-[[4- chlorophenyl)thio]methyl]O-ethyl ester	IT-B2/IP-B2

44	58995-43-0	2934999000	Phosphonothioic acid, methyl-, O-ethyl O-6-quinolonyl ester	IT-B2/IP-B2
45	35575-92-9	2934999000	Phosphonothioic acid, ethyl-, S-((6-chloro-2- oxooxazolo(4,5-b)pyridin-3(2H)yl)methyl) O-methyl ester	IT-B2/IP-B2
46	41203-81-0	2931009000	Phosphonothioic acid, methyl-, (5-ethyl-2-methyl- 1,3,2-dioxaphorinan-5yl)methylmethyl ester, P-oxide	IT-B2/IP-B2
47	35335-60-5	2930900000	Phosphonothioic acid, P-ethyl-, O-(3-methyl-4-(methyl- thio pheny)ester	IT-B2/IP-B2
48	34256-72-9	2930900000	Phosphonothioic acid, methyl-, O-ethyl S-2-(methyl phenylamino)ethyl ester	IT-B2/IP-B2
49	34255-87-3	2931009000	Phosphonothioic acid, methyl-, monoammonium salt	IT-B2/IP-B2
50	33910-75-7	2930900000	Phosphonothioic acid, methyl-, O-ethyl S-((ethyltio) methyl ester	IT-B2/IP-B2
51	33267-37-7	2930900000	Phosphonic acid, ethyl-, methyl- ester, p- (methylsulfony) phenyl ester	IT-B2/IP-B2
52	33232-87-0	2931009000	Phosphonic acid, ethyl-, methyl- ester, ester with phydroxy-benzonitrile	IT-B2/IP-B2
53	33232-87-0	2931009000	Phosphonic acid, ethyl-, p-chlorophenylmethyl ester	IT-B2/IP-B2
54	33232-85-8	2931009000	Phosphonic acid, ethyl-, methyl-p-tityl ester	IT-B2/IP-B2
55	35614-25-6	2934999000	Phosphonothioic acid, methyl-, O-ethyl S-((2- oxooxazolo(4,5-b)pyridin-3(2H)yl)methyl ester	IT-B2/IP-B2
56	50335-09-6	2931009000	Phosphonic acid, ethyl-, O-(2,4-dichloro-6- ((diethylamino) methylpheny)ester	IT-B2/IP-B2
57	58373-29-8	2931009000	Phosphorane, methyltriphenoxy(((trifluoromethyl sulfonyl)oxy)	IT-B2/IP-B2
58	58259-60-2	2930900000	Phosphonothioic acid, methyl-, O, S-dimethyl ester	IT-B2/IP-B2
59	54253-87-1	2934999000	Phosphonothioic acid, ethyl-, O-methyl S-((2- oxooxazolo(4,5-b)pyridin-3(2H)yl)methyl ester	IT-B2/IP-B2
60	53621-95-7	2931009000	Phosphonic acid, propyl-, monomethyl ester	IT-B2/IP-B2
61	53621-79-7	2931009000	Phosphonic acid, propyl-, monomethyl ester	IT-B2/IP-B2
62	65167-54-6	2930900000	Phosphonothioic acid, methyl-, O-ethyl S-(1- methylethyl) ester, (S)	IT-B2/IP-B2
63	38672-36-5	2931009000	Phosphonic acid, methyl-, ethyl 5,5,5 trichloropentyl ester	IT-B2/IP-B2
64	67242-36-8	2930900000	Phosphonamidothioic acid, trimetyl-, S-methyl ester	IT-B2/IP-B2
65	41222-33-7	2919900000	Phosphonic acid, ethenyl-, bis(2-chloroethyl)ester polymer with dimetyl methylphosponate	IT-B2/IP-B2
66	44991-89-1	2931900000	Ethanaminium, 2-(fluoromethylphosphiny)oxy- N,N,N-trimethyl	IT-B2/IP-B2
67	42595-45-9	2931009000	Phosphonic acid, methyl-, bis(5-ethyl-2-methyl-2- 2oxido-1,2,3dioxaphosphorinan -5-y)methyl ester	IT-B2/IP-B2
68	41294-06-8	2930900000	Phosphonothioic acid, methyl-, S-[2-[(4- chlorophenyl) methylamino]ethyl ester	IT-B2/IP-B2



69 41294-05-7 293090000 Phosphonthiloic acid, methyl, O-ethyl S-[2-[4], ethyl IT-B2/IP-B2 70 41294-04-8 2930900000 Phosphonthiloic acid, methyl, O-ethyl S-[2-], ethyl IT-B2/IP-B2 71 41294-03-5 2930900000 Phosphonthiloic acid, methyl, O-ethyl S-[2-], ethyl IT-B2/IP-B2 72 41294-03-5 2930900000 Phosphonthiloic acid, methyl, O-ethylester S-[2-], ethylester 73 41294-01-3 2930900000 Phosphonthiloic acid, methyl, O-ethylester S-[2-], ethylester 74 50824-96-9 2930900000 Phosphonthiloic acid, methyl, O-ethylester IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonthiloic acid, methyl, O-ethylester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonthiloic acid, methyl, O.S-dimethyl ethyl IT-B2/IP-B2 78 8280-44-7 2930900000 Phosphonthiloic acid, methyl, I-methylethyl)-O IT-B2/IP-B2 78 82980-43-8 2931009000 Phosphonthiloic acid, methyl, I-methylethyl-O IT-B2/IP-B2 78 82980-43-8 2930900000 Phosphonthiloic acid, I-methylethyl-O <t< th=""><th></th><th></th><th></th><th></th><th></th></t<>					
70 41294-04-6 2930900000 Phosphonothioic acid, methyl, O-ethyl S-[2] [methyl(4-methyl pheny)amino]ethyl[ester IT-B2/IP-B2 71 41294-03-5 2930900000 Phosphonothioic acid, methyl, O-ethylester IT-B2/IP-B2 72 41294-02-4 2930900000 Phosphonothioic acid, methyl, O-ethylester S-[2] IT-B2/IP-B2 73 41294-01-3 2930900000 Phosphonothioic acid, methyl, O-ethylester S-[2] IT-B2/IP-B2 74 50824-96-9 2930900000 Phosphonothioic acid, ethyl-, S-[2-ethylthojethyl] IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, methyl-, O-ethylester S- [2,4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonothioic acid, methyl-, I-methylethyl-O- enthyl O-[3-methyl-4(methylsufinyl)phenyl] ester IT-B2/IP-B2 78 82980-44-7 2930900000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- enthyl phonyl)hoster IT-B2/IP-B2 79 82980-44-6 2931009000 Phosphonothiolc acid, 1-methyl-, 0-methyl O-3- enthyl phenyl phonyl)hoster IT-B2/IP-B2 79 82980-43-6 2930900000 Phosphonothiolc acid, 1-methyl-, 0-methyl O-3- enthyl phenyl phinyl)thiolacetyl-, et	69	41294-05-7	2930900000	Phosphonothioic acid, methyl-, O-ethyl S-[2-[(4-	IT-B2/IP-B2
Intertryl (A-methyl pheny)amino]ethyl]ester 71 41294-03-5 293090000 Phosphonothioic acid, methyl-, S-[2-]3- chlorophenyl) methylaminojethyl] Oetyhlester IT-B2/IP-B2 72 41294-02-4 293090000 Phosphonothioic acid, methyl-, O-ethylester S-[2- (3-methoxy phenyl) methylaminojethyl]Oetyhlester IT-B2/IP-B2 73 41294-01-3 293090000 Phosphonothioic acid, methyl-, O-ethyl S-[2-[3- methyl phenyl) aminojethyl]Oester IT-B2/IP-B2 74 50824-96-9 2930090000 Phosphonothioic acid, methyl-, S-[2-ethylthiojethyl] IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, methyl-, S-[2-ethylthiojethyl] IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonothioic acid, methyl-, S-[2-ethylthiojethyl] IT-B2/IP-B2 78 84044-17-7 2930900000 Phosphonothioic acid, methyl-, 1-methylester IT-B2/IP-B2 78 82980-43-6 2931009000 Phosphonothioic acid, methyl-, 0-S-dimethyl ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, methyl-, 0-methyl O-3- methyl phenylylseter IT-B2/IP-B2 81 79548-50-8 2930900000 Glycine, N-[[et					
International and the state of the set of t	70	41294-04-6	2930900000		IT-B2/IP-B2
72 41294-02-4 2930900000 Phosphonothioic acid, methyl-, O-ethylester S-I2- [3-methoxy phenyl) methylamino]ethyl]ester IT-B2/IP-B2 73 41294-01-3 2930900000 Phosphonothioic acid, methyl-, O-ethyl S-[2-[3- methyl phenyl) amino]ethyl]ester IT-B2/IP-B2 74 50824-96-9 2930900000 Phosphonothioic acid, ethyl-, S-[2-ethylthio]ethyl] IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, ethyl-, O-ethylester S- [2,4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonothioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 84044-17.7 2930900000 Phosphonothioic acid, methyl-, 1-methylethyl)- O- methyl O-[3-methyl-4(methylsulfnyl)phenyl] ester IT-B2/IP-B2 79 8280-43-6 2931009000 Phosphonothioic acid, nethyl-, 0-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 82 79494-63-6 2930900000 Phosphonic acid, methyl, monol	71	41294-03-5	2930900000	Phosphonothioic acid, methyl-, S-[2-[3-	IT-B2/IP-B2
[3-methoxy phenyl) methylaminojethyljester 73 41294-01-3 2930900000 Phosphonothioic acid, methyl-, O-ethyl S-[2-[3-methyl phenyl) aminojethyljester IT-B2/IP-B2 74 50824-96-9 2930900000 Phosphonothioic acid, ethyl-, S-[2-thylthio)ethyl] IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, ethyl-, O-ethylester S- [2,4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonus(1+), tris(N-butyl-1-butanaminato)metyl, bromide (T4) IT-B2/IP-B2 77 84044-17-7 2930900000 Phosphonuthioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 2930900000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl O-[3-methyl-4(methylsutfinyl)phenyl] ester IT-B2/IP-B2 79 82980-43-6 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 80 79548-51-9 2930900000 Gylcine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl IT-B2/IP-B2 81 79348-63-8 2930900000 Gylcine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl IT-B2/IP-B2 82 73494-63-6 293000000 Gylcine				chlorophenyl) methylamino]ethyl] Oetyhlester	
73 41294-01-3 2930900000 Phosphonothioic acid, methyl-, O-ethyl S-[2-[3- methyl phenyl) amino]ethyl]ester IT-B2/IP-B2 74 50824-96-9 2930900000 Phosphonothioic acid, ethyl-, S-[2-ethylthio)ethyl] IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, methyl-, O-ethylester S- [2.4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonothioic acid, methyl-, O,S-dimethyl ester IT-B2/IP-B2 78 84044-17-7 293090000 Phosphonothioic acid, methyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 2930900000 Phosphonothioic acid, nethyl-, O,S-dimethyl ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-50-8 2930900000 Glycine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 84	72	41294-02-4	2930900000	Phosphonothioic acid, methyl-, O-ethylester S-[2-	IT-B2/IP-B2
methyl phenyl) aminojethyl]ester 74 50824-96-9 2930900000 Phosphonothioic acid, ethyl-, S-[2-ethylthio)ethyl] O-(1-methylproppy)ester IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, ethyl-, O-ethylester S- [2,4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphonothioic acid, methyl-, O,S-dimethyl ester IT-B2/IP-B2 77 84044-17-7 2930900000 Phosphonothioic acid, methyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 2930900000 Phosphonothioic acid, 1-methyl-, O-s-dimethyl ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl IT-B2/IP-B2 82 79494-83-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily]propyl] ester, monosodi				[3-methoxy phenyl) methylamino]ethyl]ester	
74 50824-96-9 2930900000 Phosphonothioic acid, ethyl-, S-[2-ethylthio]ethyl] IT-B2/IP-B2 75 76203-96-8 2931009000 Phosphonothioic acid, methyl-, O-ethylester S- [2,4,6 trichioro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphorus(1+), tris(N-butyl-1-butanaminato)metyl, bromide (T4) IT-B2/IP-B2 77 84044-17-7 2930900000 Phosphonothioic acid, ethyl-, O_S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 2930900000 Phosphonothioic acid, nethyl-, 1-methylethyl)- O- methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ester, (s) IT-B2/IP-B2 82 78494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ester, (-) IT-B2/IP-B2 83 84962-87-1 2931009000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (-) IT-	73	41294-01-3	2930900000	Phosphonothioic acid, methyl-, O-ethyl S-[2-[3-	IT-B2/IP-B2
O-(1-methylproppy)ester 75 76203-96-8 2931009000 Phosphonothioic acid, methyl-, O-ethylester S- [2,4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphorus(1+), tris(N-butyl-1-butanaminato)metyl, bromide (T4) IT-B2/IP-B2 77 84044-17-7 2930900000 Phosphonothioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 2930900000 Phosphonothioic acid, methyl-, 1-methylethyl)- O- methyl O3- methyl O3- methyl phenyl)ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (s) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- crinhylroxyslly]propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000				methyl phenyl) amino]ethyl]ester	
75 76203-96-8 2931009000 Phosphonothioic acid, methyl-, O-ethylester S- [2,4,6 trichloro-pheny) ester IT-B2/IP-B2 76 73790-46-2 2931009000 Phosphorus(1+), tris(N-butyl-1-butanaminato)metyl, bromide (T4) IT-B2/IP-B2 77 84044-17-7 293090000 Phosphonothioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 293090000 Phosphonothioic acid, methyl-, 1-methylethyl)- O- methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester IT-B2/IP-B2 79 82980-43-6 2931009000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Glycine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl IT-B2/IP-B2 82 79494-63-6 2930900000 Glycine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- ctrimetyl] IT-B2/IP-B2 84 79351-07-8 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 <td< td=""><td>74</td><td>50824-96-9</td><td>2930900000</td><td>Phosphonothioic acid, ethyl-, S-[2-ethylthio)ethyl]</td><td>IT-B2/IP-B2</td></td<>	74	50824-96-9	2930900000	Phosphonothioic acid, ethyl-, S-[2-ethylthio)ethyl]	IT-B2/IP-B2
Image:				O-(1-methylproppy)ester	
76 73790-46-2 2931009000 Phosphorus(1+), tris(N-butyl-1-butanaminato)metyl, bromide (T4) IT-B2/IP-B2 77 84044-17-7 2930900000 Phosphonothioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 293090000 Phosphonothioic acid, methyl-, 1-methylethyl)- O- methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- IP-PB2 IT-B2/IP-B2 84 79351-07-8 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 <t< td=""><td>75</td><td>76203-96-8</td><td>2931009000</td><td>Phosphonothioic acid, methyl-, O-ethylester S-</td><td>IT-B2/IP-B2</td></t<>	75	76203-96-8	2931009000	Phosphonothioic acid, methyl-, O-ethylester S-	IT-B2/IP-B2
bromide (T4) bromide (T4) 77 84044-17-7 293090000 Phosphonothioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 293090000 Phosphonothioic acid, methyl-, 1-methylethyl)- O- methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 293090000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 293090000 Glycine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ester, (S) IT-B2/IP-B2 82 79494-63-6 293090000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ester, (+) IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6-oxide IT-B2/IP-B2 86 74789-30-3 2930900000				[2,4,6 trichloro-pheny) ester	
77 84044-17-7 293090000 Phosphonothioic acid, ethyl-, O,S-dimethyl ester IT-B2/IP-B2 78 82980-44-7 293090000 Phosphonothioic acid, methyl-, 1-methylethyl)- O-methyl O-3-methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3-methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 293090000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-ethyl estr, (R) IT-B2/IP-B2 81 79548-50-8 293090000 Glycine, N-[[ethoxymethylphosphinyl]thio]acetyl-ethyl estr, (R) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-ethyl estr, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-ethyl estr, (+) IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N-timetyl-B2/IP-B2 IT-B2/IP-B2 86 74789-30-3 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9-ethmethyl-estr, 6-oxide IT-B2/IP-B2 87 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9-ethmethyl ester, 6-ox	76	73790-46-2	2931009000	Phosphorus(1+), tris(N-butyl-1-butanaminato)metyl,	IT-B2/IP-B2
78 82980-44-7 2930900000 Phosphonothioic acid, methyl-, 1-methylethyl)- Omethyl Paster IT-B2/IP-B2 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3-methyl Phonyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Glycine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (S) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (S) IT-B2/IP-B2 83 84962-87-1 2931009000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 84 79351-07-8 2931009000 Phosphonic acid, methyl, mono[3-trimetyl trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 1-propanaminium, 3-[fluoromethylphospinyl] N,N,N- trimetyl IT-B2/IP-B2 86 74789-30-3 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6-oxide IT-B2/IP-B2 87 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide <td< td=""><td></td><td></td><td></td><td>bromide (T4)</td><td></td></td<>				bromide (T4)	
methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester 79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3- methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl IT-B2/IP-B2 82 79494-63-6 293090000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl IT-B2/IP-B2 83 84962-87-1 2931009000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl IT-B2/IP-B2 84 79351-07-8 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 85 85187-13-9 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- IT-B2/IP-B2 IT-B2/IP-B2 86 74789-30-3 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 89 74789-28-9 2930900000 7-Oxa	77	84044-17-7	2930900000	Phosphonothioic acid, ethyl-, O,S-dimethyl ester	IT-B2/IP-B2
79 82980-43-6 2931009000 Phosphonothioic acid, 1-methyl-, O-methyl O-3-methyl phenyl)ester IT-B2/IP-B2 80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (S) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3-(trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N-(trimetryl-B2/IP-B2) IT-B2/IP-B2 85 85187-13-9 2931009000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9-(T-B2/IP-B2) IT-B2/IP-B2 86 74789-30-3 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9-(T-B2/IP-B2) IT-B2/IP-B2 88 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9-(T-B2/IP-B2) IT-B2/IP-B2 89 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide <	78	82980-44-7	2930900000	Phosphonothioic acid, methyl-, 1-methylethyl)- O-	IT-B2/IP-B2
Image: second				methyl O-[3-methyl-4(methylsulfinyl)phenyl] ester	
80 79548-51-9 2930900000 Glycine, N-[[ethoxymethylphosphiny]thio]acetyl-, ethyl ester, (R) IT-B2/IP-B2 81 79548-50-8 2930900000 Gylcine, N-[[ethoxymethylphosphiny])thio]acetyl-, ethyl ester, (S) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (s) IT-B2/IP-B2 83 84962-87-1 2931009000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (t) IT-B2/IP-B2 84 79351-07-8 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 89 74789-28-7 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2	79	82980-43-6	2931009000	Phosphonothioic acid, 1-methyl-, O-methyl O-3-	IT-B2/IP-B2
attraction ethyl ester, (R) 81 79548-50-8 293090000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (S) IT-B2/IP-B2 82 79494-63-6 293090000 Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 87 74789-29-0 293090000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 89 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 90 74789-26-7 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl				methyl phenyl)ester	
81 79548-50-8 293090000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (S) IT-B2/IP-B2 82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 2930900000 Proxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 88 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 89 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 90 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 91	80	79548-51-9	2930900000	Glycine, N-[[ethoxymethylphosphiny}thio]acetyl-,	IT-B2/IP-B2
82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl]thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 293090000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 89 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 90 74789-26-7 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2 91 74789-25-6 2930900000 <				ethyl ester, (R)	
82 79494-63-6 2930900000 Gylcine, N-[[ethoxymethylphosphinyl])thio]acetyl-, ethyl ester, (+) IT-B2/IP-B2 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 89 74789-28-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 90 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 91 74789-26-7 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2<	81	79548-50-8	2930900000	Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl	IT-B2/IP-B2
Bit ester, (+) ester, (+) 83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 293090000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 89 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 90 74789-26-7 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 2methylpropyl ester, 4-oxide IT-B2/IP-B2 91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2				ester, (S)	
83 84962-87-1 2931009000 Phosphonic acid, methyl, mono[3- (trihydroxysily)propyl] ester, monosodium salt IT-B2/IP-B2 84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 293090000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 89 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxide IT-B2/IP-B2 90 74789-26-7 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2 91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2	82	79494-63-6	2930900000	Gylcine, N-[[ethoxymethylphosphinyl)thio]acetyl-, ethyl	IT-B2/IP-B2
8479351-07-829310090001-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetylIT-B2/IP-B28585187-13-92931009000Phosphonic acid, methyl, hexyl, esterIT-B2/IP-B28674789-30-329309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxideIT-B2/IP-B28774789-29-029309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxideIT-B2/IP-B28874789-28-929309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxideIT-B2/IP-B28974789-27-829309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxideIT-B2/IP-B29074789-26-729309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxideIT-B2/IP-B29174789-25-629309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxideIT-B2/IP-B2					
84 79351-07-8 2931009000 1-propanaminium, 3-[fluoromethylphospiny] N,N,N- trimetyl IT-B2/IP-B2 85 85187-13-9 2931009000 Phosphonic acid, methyl, hexyl, ester IT-B2/IP-B2 86 74789-30-3 293090000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxide IT-B2/IP-B2 87 74789-29-0 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxide IT-B2/IP-B2 88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 89 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 90 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 90 74789-26-7 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 2methylpropyl ester, 4-oxide IT-B2/IP-B2 91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2<	83	84962-87-1	2931009000		IT-B2/IP-B2
Image: Second					
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8674789-30-32930900007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl-2-methylpropyl ester, 6oxideIT-B2/IP-B28774789-29-029309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxideIT-B2/IP-B28874789-28-929309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxideIT-B2/IP-B28974789-27-829309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxideIT-B2/IP-B29074789-26-729309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxideIT-B2/IP-B29174789-25-629309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4oxideIT-B2/IP-B2	85	85187 12 0	2021000000		
Image: dimethyl-2-methylpropyl ester, 6oxideImage: dimethyl-2-methylpropyl ester, 6oxide8774789-29-029309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, 9- dimethyl ester, 6-oxideIT-B2/IP-B28874789-28-929309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxideIT-B2/IP-B28974789-27-829309000007-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl methyl ester, 6-oxideIT-B2/IP-B29074789-26-729309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 2methylpropyl ester, 4-oxideIT-B2/IP-B29174789-25-629309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4oxideIT-B2/IP-B2					
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88 74789-28-9 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 89 74789-27-8 2930900000 7-Oxa-3, 5-dithio-6-phosphodecanoic acid 6, -methyl IT-B2/IP-B2 90 74789-26-7 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl ester, 2methylpropyl ester, 4-oxide IT-B2/IP-B2 91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4-oxide IT-B2/IP-B2					
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9074789-26-729309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 2methylpropyl ester, 4-oxideIT-B2/IP-B29174789-25-629309000003-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4oxideIT-B2/IP-B2					
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91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- methyl-methyl ester, 4oxide IT-B2/IP-B2				methyl ester, 6-oxide	
91 74789-25-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- IT-B2/IP-B2 methyl-methyl ethyl ester, 4oxide	90	74789-26-7	2930900000	3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4-	IT-B2/IP-B2
methyl-methyl ethyl ester, 4oxide				methyl-methyl ester, 2methylpropyl ester, 4-oxide	
	91	74789-25-6	2930900000	3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4-	IT-B2/IP-B2
92 74789-24-6 2930900000 3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4- IT-B2/IP-82					. 5
	92	74789-24-6	2930900000	3-Oxa-5, 7-dithio-4-phosphononan-9-oic acid 4-	IT-B2/IP-B2

			methyl-methyl ester, 4-oxide	
93	74789-22-3	2930900000	2-Oxa-4, 6-dithio-3-phosphooctan-8-oic acid 3-methyl- methyl ester, 3-oxide	IT-B2/IP-B2
94	74038-41-8	2931009000	Phosphonic acid, methyl, ethyl-, 4-(aminocarbonyl) phenylethyl ester	IT-B2/IP-B2
95	66295-44-1	2931009000	Phosphonous acid, methyl-, bis(1-methylethyl) ester	IT-B2/IP-B2
96	79351-08-9	2931009000	1-propanaminium, 2-[fluoromethylphospiny] N,N,N- trimethyl	IT-B2/IP-B2
97	102585-58-0	2930900000	2-Oxa-4, 6-dithio-3-phosphooctan-8-oic acid 3-methyl- butyl, 3-oxide	IT-B2/IP-B2
98	139194-05-1	2934999000	Phosphorus(1+), mu-1,4,10,13-tetraoxa-7, 16- diazacyclooc-tadecane-7,16diydfluorobis(N- methylmethanaminato) dimethyl-, diiodide	IT-B2/IP-B2
99	139194-01-7	2934999000	Phosphorus(1+),bis(N-methylmethanaminato)methyl(1,4,7,10-tetraoxa-13azacyclopentadecanato-N)-iodide, (T-4)	IT-B2/IP-B2
100	139194-01-7	2934999000	Phosphorus(1+), mu-1,4,10,13-tetraoxa-7, 16- diazacyclooc-tadecane-7, 16diylterakis(N- methylmethan-amonato dimethyl-, iodide	IT-B2/IP-B2
101	130713-83-6	2931009000	Phosphinic acid, methyl-, 2-methylbuyl, ester	IT-B2/IP-B2
102	125229-70-1	3824909000	Phosphinicacid,methyl-,mono{3-(trihydroxysily(propyl) ester monosodium salt, reactionproducts with sodium silicate	IT-B2/IP-B2
103	109438-26-8	2931009000	Phosphonothioic acid, ethyl-, anhidride with ethyl phosponic acid, dipentyl ester	IT-B2/IP-B2
104	104685-24-7	2930900000	Phosphonothioic acid, methyl-, O-ethyl S-{{((1- methylethyl)thio}methyl}O-methyl ester-,	IT-B2/IP-B2
105	104685-23-6	2930900000	Phosphonothioic acid, methyl-, S-{{(1,1	IT-B2/IP-B2
106	84402-58-4	2931009000	Phosponothioic acid, methyl-, compd.with(aminoimino- I methyl urea(1:1)	IT-B2/IP-B2
107	104685-21-4	2930900000	Phosponothioic acid, methyl-, compd.with(aminoimino- I methyl urea(1:1)	IT-B2/IP-B2
108	73790-34-8	2934999000	1H-1,3,2-Benzodiazaphosphol, 5-chloro-2-ethyl-2,3 dihydro 2-oxide	IT-B2/IP-B2
109	95230-44-7	2934999000	Quinolinium, 7-{(ethoxymethylphodpiny)oxy)-1-methyl- ,iodide	IT-B2/IP-B2
110	91772-41-7	2931009000	Phosphonotioic acid, {{ethoxyethylphosphinothioy)oxy} methyl}-O, O-dimethyl ester	IT-B2/IP-B2
111	90245-33-3	2930900000	Phosphonotioic acid, ethyl-, S-ethyl O-methyl ester	IT-B2/IP-B2
112	90220-19-2	2930900000	Phosphonotioic acid, propyl-, O, s-dimethyl ester	IT-B2/IP-B2
113	90220-18-1	2930900000	Phosphonotioic acid, ethyl-, O-buthyl S-methyl ester	IT-B2/IP-B2
114	90220-17-0	2930900000	Phosphonotioic acid, ethyl-, S-methyl O-propyl ester	IT-B2/IP-B2
115	90220-16-9	2930900000	Phosphonotioic acid, ethyl-, O-methyl S-propyl ester	IT-B2/IP-B2
116	90220-15-8	2930900000	Phosphonotioic acid, ethyl-, O, S dipropyl ester	IT-B2/IP-B2
117	90220-14-7	2930900000	Phosphonotioic acid, methyl-, O, S dipropyl ester	IT-B2/IP-B2, 5



118	87025-52-3	2930900000	Phosphonotioic acid methyl, penthyl ester	IT-B2/IP-B2
119	104685-22-5	2930900000	Phosphonotioic acid, ethyl-, methyl-, O-methyl S-[[(1- methyl ethyl)thio]methyl ester	IT-B2/IP-B2
120	32997-23-2	2931009000	1,3,5,2,4,6-Triazatriphosphorine,2,3,6-trichloro-2,2,4,4,6,6-hexahydro-22,4,6trimethyl	IT-B2/IP-B2
121	67242-48-2	2932190000	Phosphonamidothoioic acid, P-methyl-N-(tetrahydro-2- furanyl S, methyl ester	IT-B2/IP-B2
122	72790-51-9	2931009000	Phosphonotioic acid, methyl-, O-ethyl ester, compd with Ncyclohexylcyclohexanamine (1:1)	IT-B2/IP-B2
123	67242-45-9	2930900000	Phosphonamidothoioic acid, P-ethyl-N- (1- oxopenthyl)-S-methyl ester	IT-B2/IP-B2
124	67242-43-7	2930900000	Phosphonamidothioic acid, P-ethyl-N- (2-methyl-1-1- oxopropyl)-S-metyhl ester	IT-B2/IP-B2
125	67242-42-6	2930900000	Phosphonamidothioic acid, P-ethyl-N- (1-oxobutyl)- S- etyhl ester	IT-B2/IP-B2
126	67242-41-5	2930900000	Phosphonamidothioic acid, P-ethyl-N- (1-oxopropyl)-S- ethyl ester	IT-B2/IP-B2
127	67242-40-4	2930900000	Phosphonamidothioic acid, N-acetyl-P-ethyl-, S-ethyl ester	IT-B2/IP-B2
128	67242-39-1	2930900000	Phosphonamidothioic acid, N-acetyl-P-ethyl-, S-methyl ester	IT-B2/IP-B2
129	65167-55-7	2930900000	Phosphonothioic acid, methyl-, S-buthyl-, O-ethyl ester (R)	IT-B2/IP-B2
130	67000-88-8	2931009000	Phosphonofluoridic acid, methyl-, 4-(1-pyrenyl) butyl ester	IT-B2/IP-B2
131	67242-50-6	2930900000	Phosphonamidothioic acid, P-ethyl-N-(1-oxopropyl)-S, - ethyl ester	IT-B2/IP-B2
132	65331-56-8	2930900000	Phosphonamidothioic acid, P-ethyl-N-(1-oxoptopyl)-S, - ethyl ester	IT-B2/IP-B2
133	65331-54-6	2930900000	Phosphonamidothioic acid, P-propyl-S-ethyl ester	IT-B2/IP-B2
134	65167-63-7	2930900000	Phosphonothioic acid, methyl-, S{2-{bis(1-methyletyhl) amino}ethyl} O-ethyl ester, (R)	IT-B2/IP-B2
135	65167-62-6	2930900000	Photosphonothioic acid, methyl-, O-cyclopentyl S-propyl ester, (S)	IT-B2/IP-B2
136	65167-61-5	2930900000	Photosphonothioic acid, methyl-, O-cyclopentyl S-propyl ester, (R)	IT-B2/IP-B2
137	65167-60-4	2930900000	Photosphonothioic acid, methyl-, O-cyclopentyl S-methyl ester, (S)	IT-B2/IP-B2
138	65167-59-1	2930900000	Photosphonothioic acid, methyl-, O-cyclopentyl S-methyl ester, (R)	IT-B2/IP-B2
139	65167-58-0	2930900000	Photosphonothioic acid, methyl-, O-ethyl S-pentyl ester, (S)	IT-B2/IP-B2
140	65167-57-9	2930900000	Photosphonothioic acid, methyl-, O-ethyl S-pentyl ester, (R)	IT-B2/IP-B2
141	65167-56-8	2930900000	Photosphonothioic acid, methyl-, O-ethyl S-buthyl O-ethyl ester, (S)	IT-B2/IP-B2
142	67242-37-9	2930900000	Phosphonamidothioic acid, P-(1-methylethyl)-S-methyl ester	IT-B2/IP-B2
143	70715-06-9	2931009000	Phosphonamidothioic acid, methyl, dimethyl ester,	IT-B2/IP-B20

			polymer with oxirane and phosphorus oxide (P2O5)	
144	73790-31-5	2931009000	Photosphonothioic acid, propyl-, di-2-propenyl ester	IT-B2/IP-B2
145	72720-14-0	2930900000	7-Oxa-3, 5-dithio-6-phosphapentadecanoic acid, 6- methyl, methyl ester, 6-oxide	IT-B2/IP-B2
146	72720-13-9	2930900000	7-Oxa-3, 5-dithio-6-phosphatridecanoic acid, 6-methyl, methyl ester, 6-oxide	IT-B2/IP-B2
147	72720-12-8	2930900000	7-Oxa-3, 5-dithio-6-phosphadodecanoic acid, 6- methyl, methyl ester, 6-oxide	IT-B2/IP-B2
148	72720-12-8	2930900000	7-Oxa-3, 5-dithio-6-phosphatetradecanoic acid, 6- methyl, methyl ester, 6-oxide	IT-B2/IP-B2
149	71760-04-8	2931009000	Diphosphonic acid, dipropyl	IT-B2/IP-B2
150	71410-68-9	2934999000	Phosphinic acid, methyl-4-morpholinyl-, 2- (diethylamino)ethyl ester	IT-B2/IP-B2
151	72193-92-0	2934999000	Phosphinic acid, methyl-4-morpholinyl-, S-[2- (diethylamino)ethyl ester	IT-B2/IP-B2
152	67242-47-1	2930900000	Phosphonamidothioic acid, P-ethyl-N-(3-methyl-1-oxo- 2-butenyl)-, S-methyl ester	IT-B2/IP-B2
153	71002-67-0	2931009000	Phosphonic acid, ethyl, buthyl 4-nitrophenyl ester	IT-B2/IP-B2
154	67242-51-7	2930900000	Phosphonamidothioic acid, P-ethyl-N-, N-dimethyl, methyl ester	IT-B2/IP-B2
155	70055-71-9	2931009000	1-Propanaminium, N,N,N-trimethyl-3[1-oxo-9-octa deceny)amino]-,(Z)-, methyl methylphosphonate	IT-B2/IP-B2
156	68957-95-9	2931009000	1,3,5,2,4,6- Trixatriphosphorinate, 2,4,6-tripropyl- 2,4,6-trioxide, polymer with oxirane	IT-B2/IP-B2
157	68957-94-8	2931009000	1,3,5,2,4,6- Trixatriphosphorinate, 2,4,6-tripropyl- 2,4,6-trioxide	IT-B2/IP-B2
158	68640-57-3	2930900000	Phosphonodithioic acid, methyl-, S-(diphenylmethyl) O-ethyl ester	IT-B2/IP-B2
159	68640-55-1	2930900000	Phosphonodithioic acid, methyl-, S-(diphenylmethyl) O-octyl ester	IT-B2/IP-B2
160	67812-17-3	2931009000	Phosphonic acid, methyl-, methyl 3-(trimethosilyl) propply ester	IT-B2/IP-B2
161	67538-57-2	2931009000	Phosphorous acid, methyl-, mono(1-methylethyl) ester	IT-B2/IP-B2
162	67538-77-3	2931009000	Phosphonic acid, methyl-, dimethyl ester polymer with tris(2-chloroethyl) phosphate	IT-B2/IP-B2
163	67293-69-0	2930900000	Phosphonodithioic acid, ethyl-, S-phenyl ester	IT-B2/IP-B2
164	67242-52-8	2930900000	Phosphonodithioic acid, ethyl-, S-methyl-, S-methyl ester	IT-B2/IP-B2
165	71293-83-9	2933399000	Phosphonodithioic acid, methyl-, 1-methylethyl 2-(1- piperidinyl)ethyl ester	IT-B2/IP-B2
166	3001-98-7	2931009000	2,4,8,10- Tetraoxa-3, 9-diphospharpiro [5,5]undecane, 3,9-dimethyl-3,9 dioxide	IT-B2/IP-B2
167	5902-78-3	2930900000	Phosphonodithioic acid, methyl-, O-methyl O-[4- (methylsulfonyl)phenyl] ester	IT-B2/IP-B2
168	3309-71-5	2930900000	Phosphonothioic acid, methyl-, O-ethyl O[4- ethylsulfony)phenyl] ester	IT-B2/IP-B2
				1.9/



169	3239-63-2	2930900000	Phosphonothioic acid-, O-phenyl S-propyl ester	IT-B2/IP-B2
170	29173-31-7	2930900000	2-oxa-4-thio-7-aza-3-ohosphaoctan-8-oic acid, 3,7- dimethyl-6-oxo-, methyl ester, 3-sulfide	IT-B2/IP-B2
171	24017-24-1	2930900000	Phosphonodithioic acid, ethyl-, O-ethyl ester, S- ester with N(mercaptomethyl)phthalimide	IT-B2/IP-B2
172	3520-76-1	2931009000	Phosphonamidic acid, N,N-1,2-ethanediylbis {P-(1- methylethyl)-, disodium salt	IT-B2/IP-B2
173	3099-88-5	2930900000	Phosphonodithioic acid, ethyl-, O-ethyl S-O-tolyl ester	IT-B2/IP-B2
174	3563-52-8	2931009000	Phosphonothioic acid,ethyl-, O-2(2-chloro-4- nittrophenyl) O-ethyl ester	IT-B2/IP-B2
175	2984-70-5	2930900000	Phosphonodithioic acid, ethyl-, O-methyl S-phenyl ester	IT-B2/IP-B2
176	2984-68-1	2930900000	Phosphonodithioic acid, methyl-, O-methyl S- phenyl ester	IT-B2/IP-B2
177	2984-66-9	2930900000	Phosphonodithioic acid, ethyl-, S(p-tert- butylphenyl) O-methyl ester	IT-B2/IP-B2
178	2984-65-8	2930900000	Phosphonodithoic acid, ethyl-, O-methyl S-(4- methylphenyl) ester	IT-B2/IP-B2
179	2984-64-7	2930900000	Phosphonodithioic acid, ethyl-, S-(4-chlorophenyl) O-ethyl ester	IT-B2/IP-B2
180	683-08-9	2931009000	Phosphonic acid, methyl-, diethyl ester	IT-B2/IP-B2
181	3186-12-7	2930900000	Phosphonothioic acid, methyl-, O-ethyl O- {ethylthio)phenyl} ester	IT-B2/IP-B2
182	4628-12-0	2931009000	Phosphonic acid, propyl-dibutyl ester	IT-B2/IP-B2
183	3186-14-9	2930900000	Phosphonothioic acid, methyl-, O-ethyl O-{4- (methylthio)phenyl ester	IT-B2/IP-B2
184	5853-68-9	2931009000	4H-1,3,2-Benzodioxaphosphorin, 2-ethyl-, 2-oxide	IT-B2/IP-B2
185	993-13-5	2931009000	Phosphonic acid, methyl	IT-B2/IP-B2
186	333-43-7	2930900000	Phosphonodithioic acid, ethyl-, O-ethyl S-(4-methyl- phenyl) ester	IT-B2/IP-B2
187	5301-65-5	2931009000	Phosphonic acid, ethyl-methyl ester	IT-B2/IP-B2
188	3348-63-8	2931009000	Phosphonic acid, methyl-, monomethyl ester anhydride with dimethyl phosphate	IT-B2/IP-B2
189	4672-38-2	2931009000	Phosphonic acid, propyl	IT-B2/IP-B2
190	2797-10-6	2931009000	Ethanaminium, 2-{fluoromethylphosphinyl)oxy}- N,N,N-trimethyl-, oidide	IT-B2/IP-B2
191	465-60-1	2933999000	Aziridine, 1, 1-(methylphosphinylidine)bis	IT-B2/IP-B2
192	546-71-4	2931009000	Phosphonic acid, ethyl-, ethyl 4-nitrophenyl ester	IT-B2/IP-B2
193	676-83-5	2931009000	Phosphonous dichloride, methyl	IT-B2/IP-B2
194	676-98-2	2931009000	Phosphonothioic dichloride, methyl	IT-B2/IP-B2
195	4206-94-4	2931009000	Phosphinic acid, methyl	IT-B2/IP-B2
	3954-73-2	2931009000	Phosphonothoic acid, methyl-, O-(4-chlrobutyl)	IT-B2/IP-B2

		1	O [4 nitro 2/trifluoromothy/]) nhory/] antar	
10-		000100000	O-{4-nitro-3(trifluoromethyl)phenyl} ester	
197	3837-20-9	2931009000	Ammonium, (2-hydroxypropy) trimethyl-, iodide methylphosphonofluoridate	IT-B2/IP-B2
198	3735-97-5	2931009000	Phosphonic acid, methyl-, 1-methylethyl 4- nitrophenyl ester	IT-B2/IP-B2
199	4708-04-7	2931009000	Phosphonic dichloride, propyl	IT-B2/IP-B2
200	1497-39-8	2931009000	Phosphonothioic acid, ethyl-, O-(4-chlorophenyl) O-ethyl ester	IT-B2/IP-B2
201	2917-21-7	2931009000	Phosphonothioic acid, ethyl-, O-(2-chloro-4- nitrophenyl) O-methyl ester	IT-B2/IP-B2
202	873-97-2	2931009000	1,3,2-dioxaphosphoriname, 2,5,5-trimethyl, 2- oxide	IT-B2/IP-B2
203	873-21-8	2931009000	Phosphonothioic acid, ethyl, O-ethyl S-phenyl ester	IT-B2/IP-B2
204	1593-27-7	2931009000	Phosphonothioic acid, ethyl-, O-(2-4- dichlorophenyl O-ethyl ester	IT-B2/IP-B2
205	1511-67-7	2931009000	Phosphonofluoridic acid, methyl	IT-B2/IP-B2
206	1942-80-9	2930900000	Phosphonothioic acid, ethyl-, S-(4-chloro-m-tolyl) O-methyl ester	IT-B2/IP-B2
207	1497-68-3	2931009000	Phosphonothioic acid, ethyl, O-ethyl ester	IT-B2/IP-B2
208	1978-17-2	2931009000	Ammonuim, 3(-hydroxypropyl) trimethyl-, iodide, methylphosphonofluoridate	IT-B2/IP-B2
209	1445-75-6	2931009000	Phosphonic acid, methyl-, bis(1-methylethyl) ester	IT-B2/IP-B2
210	1085-34-3	2931009000	Phosphonothioic acid, methyl,-, O-(4- nittrophenyl) O-propyl ester.	IT-B2/IP-B2
211	1066-50-8	2931009000	Phosphonic dichloride, ethyl	IT-B2/IP-B2
212	999-34-8	2930900000	Phosphonothioic acid, methyl-, dipropyl ester	IT-B2/IP-B2
213	996-05-4	2930900000	Phosphonothioic acid, methyl-, dipropyl ester	IT-B2/IP-B2
214	996-04-3	2930900000	Phosphonotrithoic acid, methyl-, S,S-dipropyl ester	IT-B2/IP-B2
215	993-43-1	2931009000	Phosphonothioic dichloride, ethyl	IT-B2/IP-B2
216	1498-40-4	2931009000	Phosphonous dichloride, ethyl	IT-B2/IP-B2
217	690-88-0	2931009000	Phosphonic acid, methyl-, bis(5,5,5-trichloropentyl) ester	IT-B2/IP-B2
218	2720-19-6	2931009000	Phosphonothioic acid, ethyl-, O-(4-bromo-2,5- dichlorophenyl) O-methyl ester	IT-B2/IP-B2
219	2720-18-5	2931009000	Phonophonothioic acid, ethyl-, O-(4-bromo-2,5- diclorophenyl) O-(1-methylethyl) ester	IT-B2/IP-B2
220	2703-17-4	2931009000	Phosphonothioic acid, ethyl, O(-4-bromo-2, 5- dichlorophenyl) O-lethyl ester	IT-B2/IP-B2
221	2703-13-1	2930900000	Phosphonothioic acid, methyl-, O-ethyl O[4- (methylthio) phenyl] ester	IT-B2/IP-B2

222	2667-49-4	2931009000	Phosphonothioic acid, methyl-, O-(2,4- dichlorophenyl) O-methyl ester	IT-B2/IP-B2
223	1942-78-5	2930900000	Phosphonodithioic acid, ethyl- S-(4-chloro-3- methylphenyl) O-ethyl ester	IT-B2/IP-B2
224	2636-23-9	2930900000	Phosphonothioic acid, methyl, O-ethyl O-[4-thyl sulfinyl) phenil] ester	IT-B2/IP-B2
225	2725-68-0	2931009000	Phosphonare, tetrachloromethyl	IT-B2/IP-B2
226	740-20-5	2931009000	Phosphonothioic acid, methyl-, O-2(2-chloroallyl) O-(alpha.,.alpha.,.alpha trifluoro4-nitro-m-tolyl) ester	IT-B2/IP-B2
227	2511-17-3	2931009000	Phosphonic diamide, pentamethyl	IT-B2/IP-B2
228	2511-15-1	2930900000	Phosphonthioic acid, ethyl-, O,S-dibutyl ester	IT-B2/IP-B2
229	2511-12-8	2930900000	Phosphonthioic, acid, ethyl, O-ethyl, S-methyl ester	IT-B2/IP-B2
230	2511-11-7	2930900000	Phosphonthioic acid, ethyl-, O.S-diethyl ester	IT-B2/IP-B2
231	2511-10-6	2930900000	Phosphonthioic acid, methyl-, O,S-diethyl ester	IT-B2/IP-B2
232	2275-86-7	2933999000	Aziridine, 11'-(propylphosphinylidene)bis	IT-B2/IP-B2
233	2275-83-4	2933999000	Axiridine, 1,1'-(ethylphosphinylidene)bis	IT-B2/IP-B2
234	2665-30-7	2931009000	Phosphonthioic acid, methyl, O-(4-nitrophenyl) O- phenyl ester	IT-B2/IP-B2
235	18729-79-8	2934999000	Phosphonodithioic acid, methyl, O-benzo{b} thien- 4-yl S-propyl ester	IT-B2/IP-B2
236	21070-23-5	2931009000	Phosphonic acid, methyl-, 2-(4-chlorophenyl)-2- oxoehtyl 4-nitrophenyl ester	IT-B2/IP-B2
237	5994-73-0	2931009000	Phosphonothioic acid, methyl	IT-B2/IP-B2
238	20978-45-4	2931009000	Phosphonothioic acid, (1-methylethyl-O-4-nitrophenyl) ester	IT-B2/IP-B2
239	20395-17-9	2930900000	Phosphonothioic acid, ethyl-, S,S-{thiobis(methylene)} O,O-diethyl ester	IT-B2/IP-B2
240	19447-71-3	2931009000	Ammonuim, (2-hydroxyehtyl)dimethylphenyl-, methyl sulfate, methylphosponoflouridate	IT-B2/IP-B2
241	18278-44-9	2930900000	Phosponodithioic acid, methyl-, O-methyl S-{2- (methylamino)-2-oxoethyl} ester	IT-B2/IP-B2
242	18755-43-6	2931009000	Phosphonic aicd, propyl-, dimethyl ester	IT-B2/IP-B2
243	21161-62-6	2931009000	Phosphonic acid, methyl-, 4-nitrophenyl 2-(4- nitrophenyl) 2-oxoethyl ester	IT-B2/IP-B2
244	18596-67-3	2930900000	Phosphonodithioic acid, ethyl-, S-[{2,4-dichloro phenoxy)methyl] O-propyl ester	IT-B2/IP-B2
245	18596-51-5	2930900000	Phosphonodithioic acid, ethtyl-, S-[{2,4-dichloro phenox)methyl] O-ethyl ester	IT-B2/IP-B2
246	18466-11-0	2930900000	Phosphonodithioic acid, methyl-, S-[[{2,4-chloro phenyl)thio]methyl] O-methyl ester	IT-B2/IP-B2
247	18425-49-5	2931009000	Glyoxlonitrile, phenyl-oxime, O-ethyl ethylphosphonate	IT-B2/IP-B2
248	18425-48-4	2931009000	Glyoxlonitrile, phenyl-oxime, O-ethyl ethylphosphonothioate	IT-B2/IP-B2



249	18313-91-2	2931009000	Phosphonothioic acid, ethyl-, O-ethyl O-(3-methyl-4- nitrophenyl) ester	IT-B2/IP-B2		
250	329-21-5	2930900000	Phosphonodithioic acid, ethyl-,S-{4-(1,1- dimethylethyl)phenyl} O-ethyl ester	IT-B2/IP-B2		
251	18300-07-7	2930900000	Phosphonothioic acid, ethyl-, S,S- {thiobis(methylene)},O, O-dimethyl ester	IT-B2/IP-B2		
252	19133-28-9	2931009000	Phosphonothioic acid, ethyl-, O-(2-chloroethyl) O-4(4- cyanophenyl) ester	IT-B2/IP-B2		
253	24838-84-4	2930900000	Phosphonodithioic acid, ethyl-, S-(4-chlorophenyl) O- (2-methylpropyl) ester	IT-B2/IP-B2		
254	26594-06-9	2933599000	Phosphoamidic acid, P-ethyl-N-{{5-methoxy-2- pyrimidiny)amino}carbony}-, ethyl ester	IT-B2/IP-B2		
255	26350-31-2	2930900000	Phosphonamidodithioic acid, P-ehtyl-, methyl ester	IT-B2/IP-B2		
256	26350-29-8	2930900000	Phosphoamidodithioic acid, P-ethyl-, S-methyl ester	IT-B2/IP-B2		
257	26350-28-7	2930900000	Phosphonamidodithioic acid, P-ehtyl-, S-ethyl ester	IT-B2/IP-B2		
258	25918-54-1	2931009000	Phosphonothioic acid, ethyl-, O-(2,4,5- trichlorophenyl) ester	IT-B2/IP-B2		
259	21070-22-4	2931009000	Phosphonic acid, methyl-, 2-(oxoethyl 4- nitrophenyl ester	IT-B2/IP-B2		
260	25296-66-6	2931009000	Phosphonic acid, methyl-, 2-methylpropyl ester	IT-B2/IP-B2		
261	21921-96-0	2931009000	Phosphonic acid, propyl-, monoethyl ester	IT-B2/IP-B2		
262	24017-20-7	2930900000	Phosphonodithioic acid, ethyl- O-methyl ester, S- ester with N(mercaptomethyl)phtalimide	IT-B2/IP-B2		
263	756-79-6	2931009000	Phosphonic acid, methyl-, dimethyl ester	IT-B2/IP-B2		
264	24917-18-3	2930900000	Phosphonodithioic acid, methyl-, O-isobutyl ester, S-ester with N(mercaptomethyl)phtalimide	IT-B2/IP-B2		
265	24017-17-2	2930900000	Phosphonodithioic acid, methyl-, O-propyl ester, S-ester with N(mercaptomethyl)phtalimide	IT-B2/IP-B2		
266	22371-94-4	2931009000	Phosphonothioic acid, isopropyl O-(p- nitrophenyl) ester	IT-B2/IP-B2		
267	2243-91-0	2930900000	Phosphonodithioic acid, methyl-, S-{1,3-dihydro- 1, 3-dioxo-2H-isoindol-2yl)methyl} O-methyl ester	IT-B2/IP-B2		
268	22068-06-0	2930900000	Phosphinothioic acid, methyl-, S-{2- IT-B2 (diethylamino)ethyl} ester			
269	21988-53-4	2930900000	Phosphoramidic acid, {2-(methoxymethyl phosphinyl)thio}ethyl}-, bis(1methylethyl) ester	IT-B2/IP-B2		
270	25537-46-6	2933599000	Phosphonic acid, ethyl-, ethyl 2-(ethylthio)-6- IT-B2/IP-B2 methyl-4-pyrimidinyl ester			
271	7284-58-4	2931009000	Phosphonic acid, isopropyl p-nitophenyl ester	IT-B2/IP-B2		
272	13074-12-9	2931009000	Phosphonothioic acid, methyl-, O-methyl O-(4- IT-B2/IP-B2 nitrophenyl) ester			
273	18300-102	2930900000	Phosphonodithioic acid, ethyl-, S, S'-	IT-B2/IP-82 5W		

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			[thiobis(metyhlene)], O, O'-diethyl ester			
274	328-04-1	2931009000	Phoshonic acid, ethyl, O-2(chloro 4-nitrophenyl) O-(1-methylethyl) ester	IT-B2/IP-B2		
275	7776-66-1	2931009000	Phosphonothioic acid, ethyl-, O-ethyl ester IT-B2/			
276	7526-26-3	2931009000	Phophonic acid, methyl-, diphenyl ester	IT-B2/IP-B2		
277	676-97-1	2931009000	Phosphonic, dichloride, methyl	IT-B2/IP-B2		
278	7284-60-8	2931009000	Phosphonic acid, isopropyl-, isopropyl p- nitrophenyl ester	IT-B2/IP-B2		
279	13074-13-0	2931009000	Phosphonothioic acid, methyl-, O-methyl O- 3(methyl 4-nitrophenyl) ester	IT-B2/IP-B2		
280	7260-35-7	2931009000	Phosphonothioic acid, ethyl-, O-(2,5- dichlorophenyl) O-ethyl ester	IT-B2/IP-B2		
281	6838-93-3	2931009000	Phosphonic acid, methyl-mono(1-methylethyl) ester, sodium salt	IT-B2/IP-B2		
282	78-38-6	2931009000	Phosphonic acid, ethyl	IT-B2/IP-B2		
283	6587-45-7	2930900000	Phosphonothioic acid, ethyl-, O-ethyl O(4- metyhlsulfiny)phenyl} ester	IT-B2/IP-B2		
284	6552-19-8	2930900000	Phosphonothioic acid, methyl-, O-methyl O-(3- methyl-4-(methylsulfiny)phenyl} ester	IT-B2/IP-B2		
285	6203-26-5	2931009000	Phosphonic acid, methyl-, 4-nitrophenyl 2-oxo-2- IT-B phenylethyl ester			
286	6173-20-2	2931009000	Phosphonothioic acid, methyl-, O-(4-bromo-2,5- dichlorophenyl) O-propyl ester	IT-B2/IP-B2		
287	7305-61-5	2931009000	Phosphonic acid, ethyl-, monoehtyl ester	IT-B2/IP-B2		
288	14667-53-9	2931009000	Phosphonothioic acid, methyl-, O-(2-chloro-2- propenyl) O-(4-nitrophenyl) ester	IT-B2/IP-B2		
289	18032-95-6	2930900000	Phosphonodithioic acid, ethyl-, S,S-diethyl ester	IT-B2/IP-B2		
290	18005-38-4	2931009000	Phosphonochloridothioic acid, methyl-, O-butyl ester	IT-B2/IP-B2		
291	17581-48-5	2930900000	Butanedioic acid, {{methyl(propylthio)phosphinothioyl}-, thio diethyl ester	IT-B2/IP-B2		
292	17579-99-6	2931009000	Phosphorus (1+), methyltriphenoxy-, iodide, (T-4)	IT-B2/IP-B2		
293	16537-52-3	2930900000	Phosphonodithioic acid, ethyl-, S-{1,3-dihydro-1, 3- dioxo-2H-isoindol-2yl)methyl} O-(2-methylpropyl) ester	IT-B2/IP-B2		
294	16537-51-2	2930900000	Phosphonodithioic acid, ethyl-, S-{1,3-dihydro-1, 3- dioxo-2H-isoindol-2yl)methyl} O-(1-methylpropyl) ester	IT-B2/IP-B2		
295	10161-84-9	2931009000	Phosphonoselenoic acid, ethyl-, Se-{2- diethylamino)ethyl) O-ethyl ester	IT-B2/IP-B2		
296	15536-01-3	2931009000	Phosphonic acid, ethyl-, methyl 4-nitrophenyl ester	IT-B2/IP-B2		
297	327-98-0	2931009000	Phosphonothioic acid, ethyl-, O-ethyl O-(2,4,5-	IT-B2/IP-B2 SM		

HT GIE CREE FIKE S.O. NO 107/2008

			trichlorophenyl) ester	
298	14655-69-7	2931009000	Phosphonic diamide, P-ehtyl-N,N,N-tetramethyl	IT-B2/IP-B2
299	78-38-6	2931009000	Phosphonic aicd, ethyl-, diethyl ester	IT-B2/IP-B2
300	13538-10-8	2931009000	Phosphonic acid, (1-methylehtyl)-, ethyl 4- nitrophenyl) ester	IT-B2/IP-B2
301	13413-40-6	2930900000	Phosphonodithioic aicd, methyl-, bimol, monoanhydride,S,S-dipropyl ester	IT-B2/IP-B2
302	13361-94-9	2931009000	Phosphonous acid, methyl-, diethyl ester	IT-B2/IP-B2
303	15715-41-0	2931009000	Phosphoramidic dichloride, dimethyl	IT-B2/IP-B2
304	677-43-0	2929909000	Phosphoramidic dichloride, dimethyl	IT-B2/IP-B2
305	597-07-9	2929909000	Phosphoramidic acid, dimethyl-, di methyl ester	IT-B2/IP-B2
306	89893-77-6	2929909000	Phosphoramidic acid, diethyl-, ethyl methyl ester	IT-B2/IP-B2
307	65659-19-0	2929909000	Phosphoramidic acid, diethyl-, dimethyl ester	IT-B2/IP-B2
308	7784-34-1	2812100000	Arsenous trichloride	IT-B2/IP-B2
309	76-93-7	2918190000	Benzeneacetic acid, alpha-, hydroxyl-, alpha-, phenyl	IT-B2/IP-B2
310	1619-34-7	2933399000	1-Azabicyclo{2,2,2}octan-3o1	IT-B2/IP-B2
311	4535-86-8	2921190000	1-Propanamine, N-(2-chloroehtyl)-N-propyl-, hydrochloride	IT-B2/IP-B2
312	13105-93-6	2921190000	Propylamine, N-(2-chloroethyl)-N,ethyl-, hydrochloride	IT-B2/IP-B2
313	107-99-3	2921190000	Ethanamine, 2-chloro-N,N-dimethyl	IT-B2/IP-B2
314	4585-46-7	2921190000	Ethanamine, 2-chloro-N,N-diemethyl-, hydrochloride	IT-B2/IP-B2
315	4535-88-0	2921190000	Ethanamine, 2-chloro-N, -ethyl-N-methyl, hydrochloride	IT-B2/IP-B2
316	96-79-7	2921190000	2-propanamine, N-(2-chloroethyl)-N-(1-methylehtyl)	IT-B2/IP-B2
317	4261-68-1	2921190000	2-propanamine, N-(2-chloroethyl)-N-(1- methylehtyl)-hydrochloride	IT-B2/IP-B2
318	67845-39-0	2921190000	Ethanamine, 2-chloro-N, N-diethyl-, sulfate (1:1)	IT-B2/IP-B2
319	68391-41-3	2921190000	Ethanamine, 2-chloro-N, N-diethyl-, sulfate (2:1)	IT-B2/IP-B2
320	869-24-9	2921190000	Ethanamine, 2-chloro-N, N-diethyl-, hydrochloride	IT-B2/IP-B2
321	3238-75-3	2922199000	Ethanol, 2-(dipropylamino)	IT-B2/IP-B2
322	96-80-0	2922199000	Ethanol, 2-{bis(1-methylethyl)amino}	IT-B2/IP-B2
323	4535-76-6	2922199000	Ethanol, 2-(dipropylamino)-, hydrochloride	IT-B2/IP-B2
324	2893-43-8	2922199000	Ethanol, 2-(ethylmethylamino)	IT-B2/IP-B2
325	5842-07-9	2930900000	Ethanethiol, 2-{bis(1-methylethyl)amino}	IT-B2/IP-B2
326	5842-06-8	2930900000	Ethanethiol, 2-(dipropylamino)	IT-B2/IP-B2
327	108-02-1	2930900000	Ethanethiol, 2-(dimethylamino)	IT-B2/IP-B2
328	100-38-9	2930900000	Ethanethiol, 2-(diethylamino) IT-B2/IP-B2	
329	13242-44-9	293090000	Ethanethiol, 2-(dimethylamino)-, hydrochloride IT-B2/IP-B2	
330	55931-94-7	293090000	Ethanethiol, 2-(diethylamino)-, sodium salt	IT-B2/IP-B2
331	1942-52-5	293090000	Ethanethiol, 2-(diethylamino),- hydrochloride	IT-B2/IP-B2

332	41480-75-5	293090000	Ethanethiol, 2{bis(1-methylethyl)amino}-	IT-B2/IP-B2		
			hydrochloride			
333	111-48-8	2930900000	Ethanol, 2,20thiobis-	IT-B2/IP-B2		
334	464-07-3	2905190000	2-Butanol, 3,3-dimethyl	IT-B2/IP-B2		
335	75-44-5	2812100000	Carbonyl dichloride	IT-B2/IP-B2		
336	506-77-4	2853000000	Cyanogen chloride (CN) C1	IT-B2/IP-B2		
337	74-90-8	2811199000	Hydrocyanic acid	IT-B2/IP-B2		
338	76-06-2	2904900000	Trichloronitromethane	IT-B2/IP-B2		
339	10025-67-9	2812100000	Sulfur monochloride	IT-B2/IP-B2		
340	7719-12-2	2812100000	Phosphorous Trichloride	IT-B2/IP-B2		
341	10026-13-8	2812100000	Phosphorous pentachloride	IT-B2/IP-B2		
342	121-45-9	2920909000	Trimethil phosphite	IT-B2/IP-B2		
343	122-52-1	2920909000	Triethyl phosphite	IT-B2/IP-B2		
344	868-85-9	2920909000	Dimethyl phosphite	IT-B2/IP-B2		
345	762-04-9	2920909000	Diethyl phosphite	IT-B2/IP-B2		
346	10025-87-3	2812100000	Phosphorous oxychloride	IT-B2/IP-B2		
347	10545-99-0	2812100000	Sulfur dichloride	IT-B2/IP-B2		
348	7719-09-7	2812100000	Thionyl dichcloride	IT-B2/IP-B2		
349	139-87-7	2922199000	Ethyldiethanolamine	IT-B2/IP-B2		
350	105-59-9	2922199000	Methyldiethanoamine	IT-B2/IP-B2		
351	102-71-6	2922130000	Triethanolamine	IT-B2/IP-B2		



Appendix II of the Regulation of the Minister of Trade of the Republic of Indonesia

- Number : 44M/-DAG/PER/9/2009
 - Date : 15 September 2009

TYPES OF HAZARDOUS MATERIALS WHICH CONTROL AND DISTRIBUTION ARE REGULATED

				SMALLEST PACKING DISTRIBUTOR AND RETAILER			
Na	NAME OF MATERIAL	CAS NUMBER	HS CODE				
No.		CAS NUMBER	HS CODE	OTHER NEEDS	RESEARCH		
				NOT FOR FOOD	LABORATORY		
1	Alkannin	23444-65-7	3203.00.90.00	1 kg	25 g		
2	Borate Acid	10043-35-3	2810.00.00.00	1 kg	25 g		
3	Monokloroacetate Acid	79 -11– 8	2915.40.00.00	11	25 ml		
4	Nordihidroguaiaretat Acid	500-38-9	2907.29.00.00	1 kg	1 g		
5	Salisilate Acid	69–72– 7	2918.21.00.00	1 kg	2,5 g		
6	Auramin	2465-27-2	2925.19.00.00	1 kg	10 g		
7	Amaran	915-67-3	3204.12.10.00	1 kg	10 g		
8	Oxide Iron (III)	1309-37-1	2821.10.00.00	1 kg	10 g		
9	Bismut Oxichloride	7787-59-9	2827.49.00.00	1 kg	25 g		
10	Borax	1303-96-4	2840.19.00.00	5 kg	25 g		
11	FB Chocolate	12236-46-3	3204.17.00.10	1 4-	25 g		
	T B Chocolate		3204.17.00.90	1 kg			
12	Dietil Pirokarbonat	1609-47-8	2920.90.90.00	1 kg	25 g		
13	Dulsin	150-69-6	2924.21.10.00	1 kg	5 g		
			2912.11.10.00				
14	Formaldehid, solution	50-00-0	2912.11.90.00	10 I	25ml		
15	Amasid G Green	5141-20-8	3204.12.10.00	1 kg	25 g		
16	Indantren Blue R	91 77 6	3204.17.00.10	4.1	10		
10		81-77-6	3204.17.00.90	1 kg	10 g		
17	Kalkozin Magenta N	569-61-9	3204.13.00.00	1 kg	25 g		
18	Kalium Bromat	7758-01-2	2829.90.00.00	1 kg	50 g		
19	Kalium Chlorate	3811-04-9	2829.19.00.00	1 kg	5 g		
20	Kobalt Asetat	71-48-7	2915.29.00.00	1 kg	5 g		
21	Kobalt Chloride	7646-79-9	2827.39.00.90	1 kg	5 g		
22	Kobalt Sulfate	10124-43-3	2833.29.90.00	1 kg	5 g		
23	Krisoidin	532-82-1	2927.00.90.00	1 kg	50 g		
24	Krisoin S	547-57-9	2927.00.90.00	1 kg	10 g		
25	Kumarin	91-64-5	2932.21.00.00	1 kg	5 g		
26	Anilin Yellow	2706-28-7	3204.19.00.00	1 kg	5 g		

Appendix II of the Regulation of the Minister of Trade of the Republic of Indonesia

Number : 44

: 44M/-DAG/PER/9/2009

Date :

: 15 September 2009

	-	CAS NUMBER		SMALLEST PACKING			
No.	NAME OF MATERIAL		HS CODE	DISTRIBUTOR AND RETAILER			
	verver derendend de d solder metzenede derender		an boarda har storationa shure 1	OTHER NEEDS	RESEARCH		
				NOT FOR FOOD	LABORATORY		
27	Butter Yellow	60-11-7	2927.00.90.00	1 kg	10 g		
28	Metanil Yellow	587-98-4	3204.12.10.00	1 kg	2,5 g		
29	AB Yellow	85-84-7	3204.19.00.00	1 kg	10 g		
30	OB Yellow	131-78-3	3204.19.00.00	1 kg	10 g		
31	Magenta I	632-99-5	3204.13.00.00	1 kg	25 g		
32	Magenta II	26261-57-4	3204.13.00.00	1 kg	25 g		
33	Magenta III	3248-91-7	3204.13.00.00	1 kg	25 g		
34	Sitrus No. 2 Red	6358-53-8	3204.19.00.00	1 kg	25 g		
35	Orange SS Oil	2646-17-5	3204.19.00.00	1 kg	25 g		
36	Oranye XO Orange Oil	3118-97-6	3204.19.00.00	1 kg	25 g		
37	Nitrobenzen	98-95-3	2904.20.00.00	11	25 ml		
38	Nitrofurazon	59-87-0	2932.19.00.00	1 kg	5 g		
39	Natrium Salisilat	54-21-7	2918.21.00.00	1 kg	5 g		
40	Orange G	1936-15-8	3204.12.10.00	1 kg	25 g		
41	Orange GGN	1400-62-0	3204.12.10.00	1 kg	25 g		
42	Orcein	1400 62 0	3203.00.10.00	4.1	5 g		
42	Orcein	1400-62-0	3203.00.90.00	1 kg			
43	P 4000	553–79– 7	2922.29.00.00	1 kg	5 g		
44	Paraformaldehid	30525-89-4	2912.60.00.00	1 kg / 1fl (100	5 g		
				tab)			
45	Ponceau 3R	3564-09-08	3204.12.10.00	1 kg	5 g		
46	Ponceau 6R	5850-44-2	3204.12.10.00	1 kg	5 g		
47	Ponceau SX	4548-53-2	3204.12.10.00	1 kg	10 g		
48	Rodamin B	81-88-9	3204.13.00.00	1 kg	1 g		
49	Sinamil Antranilat	87-29-6	2922.49.90.00	1 kg	10 g		
50	Skarlet GN	3257-28-1	3204.12.10.00	1 kg	10 g		
51	Sudan 1	842-07-9	2927.00.00.00	1 kg	25 g		
52	Tiourea	62-56-6	2930.90.00.00	1 kg	25 g		
53	Trioksan	110-88-3	2912.50.00.00	1 kg	25 g		
54	Violet 6B	1694-09-3	3204.12.10.00	1 kg	10 g		



Appendix III of the Regulation of the Minister of Trade of the Republic of Indonesia

Number : Date : 15 September 2009

44/M-DAG/PER/9/2009

SAFETY DAT	A SHEET	(SDS)
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1.	Identification of Compound (Single or Mixed)		
	- Identification / name of product based on CHS		
	- Other identifications	÷	
	- Suggested use and limit of use	÷	
	- Detailed data on the supplier	c	
	- Emergency telephone number	:	
2.	Identification of Hazard		
	- Classification of compound / mixture	:	
	- Label element including statement of caution	:	
	- Other hazards outside those wit the role in the classification	:	
3.	Composition of information on Single Compound Composition Materials Chemical name		
	- General name, tradename, synonim etc.	:	
	- CAS number and other specific number	:	
	- Pollutant and additional materials that are classified and have roles in the		
	classification of those compounds.	:	
	Mixture	:	
	Identity and concentration of chemicals or concentration span of all		
	composition materials taht are hazardous toward health or environment and		
	concentration of mixture composition materials	1	
4.	First Aid Action		
	- Description of of required first aid measures		
	- Collection of symptoms / mosw important effects, either accute or		
	postponed	:	
	- Indication that needs medical assistance and special action, if needed.	:	
5.	Fire Extinguishing Action		
	- Suitable extinguishing media	:	
	 Specific hazard caused by such chemical 	:	
	 Special protection equipment and statement of caution for firemen 	;	
6.	Handling Action in case of Leakage		
	 Early prevention measures, protection equipments and emergency response procedure 		
	- Prevention measures for the environment		
	- Method and materials for containment and cleaning	:	
7.	Handling and Storage		
	 Prevention measures for safe handling 	:	
	- Condition for safe storage, including incompatibility	:	



Page 1 of 3
Number	:	44/M-D
Date	:	15 Sep

44/M-DAG/PER/9/2009 15 September 2009

8.	Control of Exposure / Self Control			
	 If the control parameters are available, prepare the 	exposure limit list at the work place		
	including the notation and thebiological limit figure I	ist including the notation.	÷	
	- Suitable technical control		:	
	- Self protection action, such as self protectio n equip	oments.	:	
9.	Physical and Chemical Characteristics			
	- Empiric data of compound or mixture		:	
	- Organoleptic (physical form, physical, color, etc.)		:	
	- Odor		:	
	- Odor threshold		:	
	- pH		:	
	 Melting point/freezing point 		:	
	- Boiling point/boiling span			
	- Flaming point			
	- Steaming rate			
	- Flammability (solid, gas)			
	 Lowest/highest flammability limit value and explosiv 	ve limit		
	- Steam pressure			
	- Relative density			
	- Solubility			
	 Partition coeffisien (n-octanol/water) Auto-ignition temperature 		÷	
	- Analysisi temperature		÷.	•••••••••••••••••••••••••••••••••••••••
10	- Viscosity		÷	
10.				
	- Reactivity		:	
	- Chemical stability		0	
	 Possibility of hazardous reaction 		:	
	- Condition to be avoided		:-	
	- Non-mixable materials	×.	:	
	 Result of hazardous analysis 		:	
11.				
	 Complete and comprehensive description on variou 	is toxicology/health effects		
	 Information on the exposure route 		:	
	- Collection of trends that are related to the p	hysical, chemical and toxicology		
	characteristics.		:	
	 Accute, posponed and chronic effects of shiort term 	and long term exposure	1	
	 Numeric measurement of toxity level 		:	
	- Interactive effect		:	
	- If chemicals data are not specifically available		:	
	- Information on the mixture and its composition mate	erials	:	
12.	Ecological Information			
	- Ecotoxity		:	
	- Persistence and analysis by the environment		:	
	- Biocummulation potential		:	
	- Mobility in the ground		:	
	- Other adverse effects		:	



Number : 44/M-DAG/PER/9/2009

Date : 15 September 2009

13.	Сс	onsideration of Disposal/Destruction		
	-	Disposal Method		
14.	Inf	ormation of Transportation		
	-	PBB Number	1	
	-	Suitable shipment name based on PBB	:	
	-	Hazardous class in the transportation	:	
	-	Packing group, if available	÷	
	-	Environment hazard	÷	
	-	Cautious actions, particularly for the user	:	
15.	Inf	ormation related to the Regulation		
	-	Regulation concerning the environment,		
		health and safety for sch product	:	

16. Other Information Including Information Needed in the Preparation and Re vision of SDS

Page 3 of 3



- Number : 44/M-DAG/PER/9/2009
 - Date : 15 September 2009

GENERAL GUIDANCE FOR CHEMICALS CONCERNING THE CHARACTERISTICS OF HAZARD, CATEGORY OF HAZARD, PICTOGRAM/HAZARD SYMBOL, SIGNAL WORD AND STATEMENT OF HAZARD

A. PHYSICAL HAZARD

No.	CHARACTERISTIC OF HAZARD	CATEGORY OF HAZARD	PICTOGRAM	SIGNAL WORD	STATEMENT OF HAZARD
1	EASILY EXPLOSIVE	UNSTABLE EXPLOSION		Hazardous	
		Division 1.1		Hazardous	Easily explosive, mass explosion hazard
		Division 1.2	$\langle \rangle$	Hazardous	Easily explosive, heavy projection hazard
		Division 1.3		Hazardous	Easily explosive, fire, blast or projection hazards
		Division 1.4		Hazardous	Fire or projection hazard
		Division 1.5	Without symbol	Hazardous	Mass explosion in fire may occur
		Division 1.6	Without symbol	Without signal word	Without Statement of Hazard



Number : Date :

: 15 September 2009

44/M-DAG/PER/9/2009

No.	CHARACTERISTIC	CATEGORY	PICTOGRAM	SIGNAL	STATEMENT OF
	OF HAZARD	OF HAZARD		WORD	HAZARD
2	EASY FLAMMABLE GAS	1	۲	Hazardous	Very easy flammable gas
		2	Without symbol	Warning	Easy flammable gas
3	EASY FLAMMABLE AEROSOL	1		Hazardous	Very easy flammable aerosol
		2		Warning	Easy flammable aeroso
4	OXYDIZING GAS	1		Hazardous	May cause or increase flame, oxidator
5	PRESSURED GAS	Pressured Gas	$\langle \Theta \rangle$	Warning	Contains pressured gas, may explode if heated
		Liquidified Gas		Warning	Contains pressured gas, may explode if heated
		Liquid gas that is cooled at the loweszt temperature	\Diamond	Warning	Contains frozen gas, may cause criogenic fire or injury
17		Dissolved gas	\Diamond	Warning	Contains pressured gas, may explode if heated



Page 2 of 9

Number	:	44/
Date	:	15

: 44/M-DAG/PER/9/2009 : 15 September 2009

No.	CHARACTERISTIC OF HAZARD	CATEGORY OF HAZARD	PICTOGRAM	SIGNAL WORD	STATEMENT OF HAZARD
6	EASY FLAMMABLE LIQUID	1		Hazardous	Very easy flammable liquid and steam
		2	٢	Hazardous	Very easy flammable liquid and steam
		3		Warning	Easy flammable liquid and steam
		4	Without symbol	Warning	Flammable liquid (upon short contact with ignition source)
7	EASY FLAMMABLE SOLID	1	٨	Hazardous	Easy flammable sopilid
		2		Warning	Easy flammable solid
8	MATERIALS (SINGLE OR MIXTURE) THAT CAN SELF REACT	Туре А		Hazardous	Heating may cause explosion
		Туре В		Hazardous	Heating may cause flame or explosion
		Type C and D	\sim	Hazardous	Heating may cause flame
		Type E and F		Warning	Heating may cause flame
		Туре G	Without symbol	Warning	Heating may cause flame



Page 3 of 9

Number : Date :

: 44/M-DAG/PER/9/2009 : 15 September 2009

No.	CHARACTERISTIC OF HAZARD	CATEGORY OF HAZARD	PICTOGRAM	SIGNAL WORD	STATEMENT OF HAZARD
9	PHYROPHORIC LIQUID	1		Hazardous	Direclty ignited if in contact with air
10	PHYROPHORIC SOLID	1	Ì	Hazardous	Directly ignited if in contact with air
. 11	MATERIALS (SINGLE OR MIXTURE) MAY AUTOMATICALLY CAUSE HEAT	1		Hazardous	Automatically causes heat, may strike ignition source
		2	٨	Warning	May in large amount automatically cause heat, may strike ignition source
12	MATERIALS (SINGLE OR MIXTURE) WHICH RELEASE FLAMMABLE GAS IF IN CONTACT WITH WATER	1		Hazardous	Produces easy flammable gas if in contact with water, which may possibly directly ignite.
		2		Hazardous	Produces easy flammable gas if in contact with water
		3	Š	Warning	Produces aesy flammable gas if in contact with water
13	OXYDIZING LIQUID	1	Ì	Hazardous	May cause ignition or explosion; strong oxydator
		2	Ś	Hazardous	May increase ignition; strong oxydator
		3	$\tilde{\langle}$	Warning	May increase ignition; oxydator



Page 4 of 9

Number : 44/M-DAG/PER/9/2009 Date

: 15 September 2009

No.	CHARACTERISTIC OF HAZARD	CATEGORY OF HAZARD	PICTOGRAM	SIGNAL WORD	STATEMENT OF HAZARD
14	OXYDATOR SOLID	1		Hazardous	May cause flame or blast; strong oxidizer
		2		Hazardous	May increase flame, oxidizer
		3		Warning	May increase flame; oxidizer
15	ORGANIC PEROXYDE	ТҮре А	$\langle \rangle$	Hazardous	Heating may cause blast
		ТҮре В		Hazardous	Heating may cause flame or blast
		TYpe C and D		Hazardous	Heating may cause flame
		Type E and F	$\langle \mathfrak{s} \rangle$	Warning	Heating may cause flame
		Туре G	Without symbol		Without Statement of Hazard
16	CORROSIVE TOWARD METAL	1	II ->H	Warning	May cause corrosive toward metal

Page 5 of 9



Number : 44/M-DAG/PER/9/2009

Date : 15 September 2009

B. HAZARD TOWARD HEALTH

No.	CHARACTERISTIC	CATEGORY	PICTOGRAM	SIGNAL	STATE	EME	INT OF HAZARD
	OF HAZARD	OF HAZARD		WORD			
1	ACUTE TOXICITY	1	~	Hazardous	Oral	:	Fatal if swallowed
					Skin	:	Fatal if in contact
			\sim				with skin
			· ·		Inhaled	:	Fatal if inhaled
		2		Hazardous	Oral	:	Fatal if swallowed
			S.		Skin	:	Fatal if in contact
			226				with skin
			~		Inhaled	:	Fatal if inhaled
		3	~	Hazardous	Oral	:	Toxic if swallowed
					Skin	:	Toxic if in contact
							with skin
					Inhaled	:	Toxic if inhaled
		4	\land	Warning	Oral	:	Hazardous if
			$\langle ! \rangle$				swallowed
			\sim		Skin	:	Hazardous if in
							contact with skin
					Inhaled	:	Hazardous if
							inhaled
		5	Without	Warning	Oral	:	Possibly hazardous
			symbol				if swallowed
					Skin	:	Possibly hazardous
							if in contact with
							skin
					Inhaled	:	Possibly hazardous
							if inhaled
2	Corrosion/Rritation	1		Hazardous			e burned injury on
	of SKIN	Corrosive			the skin an	d da	amage of eyes
		(I A, IB, IC)	\sim				
		2	\wedge	Warning	Causes irri	tatic	on of skin
		Irritation	$\langle ! \rangle$				
			V				
		3	Without	Warning	Causes ligh	nt iri	itation of skin
		Light Irritation	symbol				



Page 6 of 9

- Number : 44/M-DAG/PER/9/2009
 - Date : 15 September 2009

No.	CHARACTERISTIC	CATEGORY	PICTOGRAM	SIGNAL	STATEMENT OF HAZARD
	OF HAZARD	OF HAZARD		WORD	
3	IRRITATION/SERIO US DAMAGE OF EYES	1 Effect unable to recover	Hr and here	Hazardous	Causes serious damage on eyes
		2A Irritation		Warning	Causes serious irritation on eyes
		2B Light Irritation	Without symbol	Warning	Causes irritation on eyes
4	SENSITIVITY OF RESPIRATORY TRACT	1		Hazardous	May cause allergy or asthma symptoms or difficult breathing if inhaled
5	SENSITIVITY OF SKIN	1	$\langle \rangle$	Warning	May cause allergy reaction on skin
6	MUTAGENICITY AT GROWING CELL	1 (1A, 1B)		Hazardous	May cause genetic damage
		2		Warning	Assumed as causing genetic damage
7	CARCINOGENICITY	1 (1A, 1B)		Hazardous	May cause cancer
		2		Warning	Assumed as causing cancer

Page 7 of 9



- Number : 44/M-DAG/PER/9/2009
 - Date : 15 September 2009

No.	CHARACTERISTIC	CATEGORY	PICTOGRAM	SIGNAL	STATEMENT OF HAZARD
	OF HAZARD	OF HAZARD		WORD	
8	TOXICITY TOWARD REPRODUCTION	1 (1A, 1B)		Hazardous	May damage fertility or fetus
		2		Warning	Assumed as damaging fertility or fetus
		Additional	Without	Without	May cause hazard toward
		category (Effect	symbol	signal word	breastfed baby
		at/through lactation)			
9	SYSTEMIC TOXICITY AT SPECIFIC TARGET ORGAN DUE TO SINGLE EXPOSURE	1		Hazardous	Causes damage of(mention the name of damaged organ)
		2		Warning	May cause damage of (mention name of damaged organ)
		3		Warning	May cause respiratory irritation or may cause sleepiness or dizziness
10	SYSTEMIC TOXICITY AT SPECIFIC TARGET ORGAN DUE TO REPEATED EXPOSURE	1		Hazardous	Causes damage of(mention the name of the damaged organ) at repeated or long term exposure
		2		Warning	May cause damage of(mention the name of damaged organ) at repeated or long term exposure
11	RESPIRATION HAZARD	1		Hazardous	Possibly fatal if swallowed and enters the respiratory tract
		2		Warning	Possibly hazardous if swallowed and enters the respiratory tract



- Number : 44/M-DAG/PER/9/2009
 - Date : 15 September 2009

C. HAZARDOUS TOWARD AQUATIC ENVIRONMENT

No.	CHARACTERISTIC OF HAZARD	CATEGORY OF HAZARD	PICTOGRAM	SIGNAL WORD	STATEMENT OF HAZARD
1	ACUTE TOXICITY HAZARD AT AQUATIC ENVIRONMENT	1		Warning	Very toxic toward aquatic life
		2	Without symbol	Without signal word	Toxic toward aquatic life
		3	Without symbol	Without signal word	Hazardous toward aquatic life
2	CHRONIC TOXICITY HAZARD AT AQUATIC ENVIRONMENT	1		Warning	Very toxic toward aquatic life with long term effects
		2		Without signal word	Toxic toward aquatic life with long term effects
		3	Without symbol	Without signal word	Hazardous toward aquatic life with long term effects
		4	Without symbol	Without signal word	May cause long term hazard toward aquatic life

Page 9 of 9



- Number • 44/M-DAG/PER/9/2009
 - Date 15 September 2009

To.

Director General of Domestic Trade Ministry of Trade JI. MI Ridwan Rais No. 5 in JAKARTA

FORM

REQUEST FOR TRADE BUSINESS LICENSE FOR HAZARDOUS MATERIALS (SIUP-B2) FILLED IN WITH PRINT LETTERS

Number Date Purpose of license request: provide () To establish company 1. mark for intended license. 2. To expand company To minimize company 3. 4. To transfer company ownership 5. To move company 6. To change company Identity of Company: 1. Name of Company: 2. Form of company: Limited Liability Company (PT), State Owned Company (BUMN), Cooperative, Limited Partnership (CV), Firm, Individual Company 3. Company Address: *) а. Road and Kelurahan Number Village, RT and RW / RK District / City Regency / Municipality Province Company location (if company is located at Shopping b. /Office Center, and explains about the floor and suite). Taxpayer Registration Number (NPWP) 4. Identity of owner / responsible person of the company: Full name 1. 2 Place and date of birth House address / residence (attach photocopy of ID/KTP) 3. Husband / Wife **) 4. Name a. Citizenship b.



Page 1 of 2

11.

Ĩ.

III.

Number :

Date :

IV	Lea	ality of Company:					
	1.	Company establis	hment	deed			
		a. Name of No					
			-	Notarv	Deed (attach	Û	
		copy of Nota		-			
					ate of Notary		
					Justice / District		
		Court	Winnes	ay or c		•	
	2.	Other licenses					
	2.						
V.	Tota	al Company investm	ent val	lue no	t including land	l	Rp
	and	building of business					
VI.	Bus	iness activity:					
	1.	Production of goo	ds and	or se	rvices.		
	2.	Trade of goods ar	nd or se	ervices	S.		
	3.	Type of traded go	ods / s	ervice	S		
VII.	Rela	ationship with Bank:					
	1.	Domestic Bank.	1.	a.	Name	:	
				b.	Address	:	
			2.	a.	Name	:	
				b.	Address	:	
			3.	a.	Name	:	
				b.	Address	:	
	2.	Foreign Bank	1.	a.	Name		
				b.	Address		
			2.	a.	Name		
				b.	Address		
			3.	а.	Name		
				b.	Address		

This request is truthfully filled in / prepared and if in future the information are apparently incorrect, then we are willing that the SIUP-B2 is revoked and or indicted in accordance with prevailing legislative regulations.

Approval Number Date

> Provincial/Regency/City Government Service Ministry of Trade Head

:

:

1

(.....)

Copy:

1. Governor/Bupati/Mayor **)

- 2. File
- *) Give information on the status of the business location (self owned / leased / contract / others

**) Delete as appropriate

Signature Owner/responsible person of company

.....

Seal and revenue stamp of Rp. 6.000,-

Page 2 of 2

			Ap	pendix VII of	the Regulat	ion of the Trade M Number Date	ade Minister of mber : 44 Date : 15	Appendix VII of the Regulation of the Trade Minister of the Republic of Indonesia Number : 44/M-DAG/PER/9/2009 Date : 15 September 2010	Indonesia /2009 I0
		REPO	RT OF HAZA N	ARDOUS MATERIAL IMPO Number IP – B2 / IT – B2*):	r <u>erial imf</u> 32 / IT – B2	REPORT OF HAZARDOUS MATERIAL IMPORT REALIZATION Number IP – B2 / IT – B2*):	ATION		
- To:	Director General of Foreign Trade, Ministry of Trade;	of Foreign Trade	e, Ministry of	Trade;					
ы. Ю	Director General of Industry, Agro and Chemical, ministry of Industry; Deputy of Food and Hazardous Material Security Control Sector, National Agency of Drugs and Food Control.	of Industry, Agro and Hazardous N	o and Chemic Aaterial Secu	cal, ministry o rity Control Se	f Industry; ∋ctor, Natio	nal Agency of	Drugs and F	ood Control.	
No.	200	Tariff Post /	Total	Balance of	Loading	Destination	Date of	Number and	Remarks
	Imported Hazardous Materials	SH	Import	Import	Port	Год	Arrival	Date of PIB Submission	
*) D	*) Delete as appropriate	<u>o</u>				SIGNATURE (NAME OF	ЗNATURE AND SEAL OF C NAME OF COMPANY DIRE	SIGNATURE AND SEAL OF COMPANY (NAME OF COMPANY DIRECTOR)	



f Indonesia 3/2009 10			Remarks	
Appendix VII of the Regulation of the Trade Minister of the Republic of Indonesia Number : 44/M-DAG/PER/9/2009 Date : 15 September 2010			Date of Shipment	SIGNATURE AND SEAL OF COMPANY
Trade Minister of Number : 44 Date : 15	BUTION		Date of Order	GNATURE AND SEAL OF COMPAN
on of the Trac Num D	RIAL DISTR		ar Agericy or Total (Ton/Kg)	SIGNATURE
f the Regulati	REPORT OF IMPORTED HAZARDOUS MATERIAL DISTRIBUTION Number IT – B2	of Industry;	Name of Distributed Hazardous Material	
opendix VII of	TED HAZAR Numbe	of Trade; nical, ministry o	Business Type	
A	KT OF IMPOR	de, Ministry of ro and Chemi	Address	
	REPOR	of Foreign Trac of Industry, Agi	Name of User Company	
		Director General of Foreign Trade, Ministry of Trade; Director General of Industry, Agro and Chemical, ministry of Industry;	Deputy of roug and flazardous indefinitions waterial security control sector, national Agency of Durgs and Food Control. Date of Shipmen Approval Date of Company Approval Company Type Distributed (Ton/Kg) Order Shipmen Shipmen Material Approval Company Material Material Material Material	
		, is - To:	ċ	



(NAME OF COMPANY DIRECTOR)

Number . 44/M-DAG/PER/9/2009 Date : 15 September 2009

Number : Enclosure 1

Subject

: Distribution Report Hazardous Material То Director General of Domestic Trade, Ministry of Trade in

JAKARTA

GENERAL INFORMATION L.

				-	
Name of Company					
Complete Address	:				
Telephone	:				
Facsimile	:				
E-mail	:				
Number and Date of Business License of Hazardous	:				
Material Trade					
Type of Company	:	Registered	Distributor	of	Hazardous
		Materials (D	Г-В2)		

II. REPORT OF HAZARDOUS MATERIAL DISTRIBUTION (See Appendix VI - 1, 2, and 3)

This report is truthfully made and if it is apparently incorrect, then we are willing to receive the sanction in accordance with the prevailing legislative regulations.

..... (city, date/month/year)

:

Signature of Responsible : Person

- Name of Responsible Person
- Position
- Company Seal

Copies to:

- 1. Governor
- File. 2.

Page 1 of 5



Number

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DATA HAZARDOUS MATERIAL SUPPLY

Remarks Net Weight/Volume of Hazardous Material Hazardous Material Type of Supplied Date, Month, Year of Supply Address of Supplier Name of Supplier No.

Page 2 of 5



(Company Management)

signature

Company Seal

44/M-DAG/PER/9/2009

15 September 2009

Date

44/M-DAG/PER/9/2009 .. Number

15 September 2009 . . Date

REALIZATION OF DISTRIBUTION TO REGISTERED RETAILERS ñ

Remarks			
Date, Month, Year of Distribution			
Net Weight/Volume of Hazardous Material			
Type of Distributed Hazardous Materials			
Address of PT-B2			
Name of PT – B2			
ö			

Page 3 of 5



(Company Management)

Company Seal

signature

44/M-DAG/PER/9/2009 Number :

15 September 2009 . . Date

REALIZATION OF DISTRIBUTION TO END USER ы.

Remarks	
Date, Month, Year of Distribution	
Net Weight/Volume of Hazardous Material	
Type of Distributed Hazardous Material	
Address of PA-B2	
Name of PA – B2	
Ö	

Page 4 of 5



(Company Management) Company Seal signature

44/M-DAG/PER/9/2009 . . Number

15 September 2009 Date

STOCK POSITION (DATE/MONTH/YEAR) 4

Remarks	
Realization of Distribution Net Weight/Volume	
Total Stock Net Weight/Volume	
Supply Net Weight/Volume	
Initial Stock Net Weight/Volume	
Type of Hazardous Material	
No	



(Company Management)

Company Seal signature



			Number	:	44/M-DAG/PER/9/2009
			Date	:	15 September 2009
Number	:				
Enclosure	:				
Subject	:	Report of Hazardous Material Distribution		To G	overnor

I. GENERAL INFORMATION

Name of Company	:	
Complete Address	:	
Telephone	:	
Facsimile	:	
E-mail	:	
Number and date of Business License	:	
Trade of Hazardous Materials		
Type of Company	:	Registered Retailer of Hazardous Materials (PT-B2)

II. REPORT OF HAZARDOUS MATERIAL DISTRIBUTION (See Appendix VII – 1 to 3)

This report is made truthfully and if it appears to be incorrect, then we are willing to receive the sanction in accordance with the prevailing Legislative Regulations.

..... (city, date/month/year)

:

:

- Signature of Responsible Person
- Name of Responsible Person
- Position
- Company Seal

Copies to:

- 1. Director General of PDN, Ministry of Trade
- 2. Bupati / Mayor *)
- 3. File.
 - *) Delete as appropriate

Page 1 of 4



Number : 44/M-DAG/PER/9/2009

Date : 15 September 2009

1. DATA OF HAZARDOUS MATERIAL SUPPLY

Remarks	
Net Weight/Volume of Hazardous Materials	
Type of Supplied Hazardous Materials	
Date, Month, Year of Supply	
Address of Supplier (DT-B2)	
Name of Supplier (DT-B2)	
Ö	

Page 2 of 4

(Company Management)

Company Seal signature



Number : 44/M-DAG/PER/9/2009

Date : 16 September 2009

2. REALIZATION OF DISTRIBUTION TO END USER

Remarks	
Date, Month, Year of Distribution	
Net Weight/Volume of Hazardous Material	
Types of Distributed Hazardous Materials	
Address of PA-B2	
Name of PA – B2	
No.	

Page 3 of 4

(Company Management)

Company Seal signature



Number : 44/M-DAG/PER/9/2009

17 September 2009 .. Date

POSITION OF STOCK (DATE/MONTH/YEAR) ы.

Remarks	
Realization of Distribution Net Weight/Volume	
Total Stock Net Weight/Volume	
Supply Net Weight/Volume	
Initial Stock Net Weight/Volume	
Types of Hazardous Materials	
N	

Page 4 of 4



(Company Management)

signature

Company Seal

Number	:	44/M-DAG/PER/9/2009

Date : 15 September 2009

Number : Enclosure : Subject : Report of Utilization/Allocation of To Hazardous Materials

Bupati/Mayor*)

I. GENERAL INFORMATION

Name of Company	:
Full Address	:
Telephone	:
Facsimile	:
E-mail	:
Number and date of Business License of Hazardous	:
Materials	
Type of Company	: End User of Hazardous Materials
	(PA-B2)

II. REPORT OF UTILIZATION/ALLOCATION OF HAZARDOUS MATERIALS (See Appendix VIII – 1 to 3)

This report is truthfully prepared and if it is apparently incorrect, then we are willing to receive the sanction in accordance with the prevailing Legislative Regulations

..... (city, date/month/year)

Signature of Responsible Person :

- Name of Responsible Person
- Position
- Company Seal

Copies to:

- 1. Governor
- 2. File.
- *) Delete as appropriate



Page 1 of 4

Number : 44/M-DAG/PER/9/2009

Date : 15 September 2009

1. DATA PASOKAN BAHAN BERBAHAYA

Remarks	
Net Weight/Volume	
Types of Hazardous Materials	
Date, Month, Year of Purchase of Hazardous Materials	
Address of registered Supplier (P-B2/DT-B2/PT-B2)	
Name of Registered Supplier (P-B2/DT-B2/PT-B2)	
N	

Page 2 of 4

(Company Management)

Company Seal signature



Number : 44/M-DAG/PER/9/2009

Date : 15 September 2009

2. REALIZATION OF DISTRIBUTION TO THE END USER

Remarks	
Net Weight/Volume	
Types of Hazardous Materials	
Name and Address of Allocation	
Purpose of Allocation	
Date/Month/Year of Allocation	
N	

Page 3 of 4

(Company Management)

Company Seal signature



Number : 44/M-DAG/PER/9/2009 Date : 15 September 2009

POSITION OF STOCK (DATE/MONTH/YEAR) *с*і.

Remarks	
Realization of Distribution Net Weight/Volume	
Total Stock Net Weight/Volume	
Supply Net Weight/Volume	
Initial Stock Net Weight/Volume	
Types of Hazardous Materials	
No.	

Page 4 of 4



(Company Management)

signature

Company Seal

Number : 44/M-DAG/PER/9/2009

Date : 15 September 2009

UNIT LETTERHEAD

(Directorate General of Domestic Trade / Provincial/Regency/City Government Service **)

Number	:	
Enclosure	:	
Subject	:	Warning
		Concerning Implementation of the Provisions of SIUP and or SIUP-B2 **)

1.	
2.	
4.	

With regard to the above mentioned matter, we request you to comply with the prevailing provisions of SIUP and or SIUP-B2 **) within the period of 1 (one) month as of the issuance date of this letter and report to us.

The above is for your attention.

Director General of Domestic Trade/Head of Provincial, Regency/City Government Service**)

<u>(.....)</u>

Reg. No.

COPIES TO:

- 1. Inspector General of the Ministry of Trade;
- 2. Director General of PDN; **)
- 3. Governor/Bupati/Mayor; **)
- 4. File

*) Filled in by the concerned Official

**) Delete as appropriate



Number :

Date :

 Regulation of Minister of Trade Number 01/M-DAG/PER/3/2005 concerning the Organization and Working Method of the Ministry of Trade as has been amended with Regulation of the Minister of Trade Number 30/M-DAG/PER/12/2005;

HAS DECREED

FIRST

Taking

:

:

- SECOND : The company which SIUP and or SIUP-B2 *)- is revoked may submit the appeal within 30 (thirty) days as of the issuance date of the Decision of the Revocation of SIUP and or SIUP-B2 **).
- THIRD : With regard to the revocation of SIUP and or SIUP-B2 *), as meant in the FIRST Dictum, the Company is prohibited to conduct Trade business activities of and is required to return its SIUP and or SIUP-B2 *) to the Directorate General of Domestic Trade / Governor who issued the SIUP and or SIUP-B2 *) within the period of 30 (thirty) days as of the issuance date of this Decree and the concerned company may recollect the deposited Guarantee Money.

FOURTH : This decree commences effective on the date of enactment.

Stipulated in : On :

Director General of Domestic Trade,

Ministry of Trade/Head of Provincial, Regency/City *) Industry and Trade

(.....) Reg. No.:

COPIES TO:

- 1. Minister of Trade, for attention of: Secretary General;
- 2. Inspector General of the Ministry of Trade;
- 3. Director General of Domestic Trade, Ministry of Trade; *)
- 4. Governor/Bupati/Mayor; *)
- 5. File.

*) Delete as appropriate

Page 2 of 2

Translated from Indonesian Language Jakarta, October 1, 2010 Authorized and Sworn Translator,

