
Safety Data Sheet**1. Chemical product and company identification****Product name** : PL2005 Pesticides LC/MS Mix I**SDS code** : R1-20**Company/undertaking identification** :

HAYASHI PURE CHEMICAL IND.,LTD.

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URL : <https://www.hpc-j.co.jp/>**Emergency number** : 06-6910-7305**Recommended use** : For research and experimental use only.**Restrictions on use** : Do not use for any purpose other than research and experiment. Do not use on a human body or for animal medicines, foods, household products, cosmetics, etc. Do not use in the environment.**2. Hazards identification****GHS classification**

| | | | |
|--|--|---------------------------------|-------------------|
| Physical hazards | Explosives | classification not possible | |
| | Flammable gases | No classification | |
| | Aerosol | No classification | |
| | Oxidizing gases | No classification | |
| | Gases under pressure | No classification | |
| | Flammable liquids | Category 2 | |
| | Flammable solids | No classification | |
| | Self-reactive substances and mixtures | classification not possible | |
| | Pyrophoric liquids | classification not possible | |
| | Pyrophoric solids | No classification | |
| | Self-heating substances and mixtures | classification not possible | |
| | Substances and mixtures which in contact with water emit flammable gases | No classification | |
| | Oxidizing liquids | No classification | |
| | Oxidizing solids | No classification | |
| | Organic peroxides | No classification | |
| | Corrosive to metals | classification not possible | |
| | Desensitized explosives | classification not possible | |
| | Health hazards | Acute toxicity (oral) | No classification |
| | | Acute toxicity (dermal) | Category 3 |
| | | Acute toxicity (inhalation:gas) | No classification |
| Acute toxicity (inhalation:vapors) | | Category 4 | |
| Acute toxicity (inhalation:dust/mist) | | classification not possible | |
| Skin corrosion/irritation | | classification not possible | |
| Serious eye damage/eye irritation | | Category 2 | |
| Respiratory sensitization | | classification not possible | |
| Skin sensitization | | classification not possible | |
| Germ cell mutagenicity | | classification not possible | |
| Carcinogenicity | | classification not possible | |
| Reproductive toxicity | classification not possible | | |
| Specific target organ toxicity (single exposure) | Category 1 (respiratory system, central nervous system) | | |

| | | |
|-----------------------|---|---|
| Environmental hazards | Specific target organ toxicity (repeated exposure) | Category 2 (blood system, respiratory system, central nervous system, kidneys, liver) |
| | Aspiration hazard | classification not possible |
| | Hazardous to the aquatic environment, short-term (acute) | Category 2 |
| | Hazardous to the aquatic environment, long-term (chronic) | Category 3 |
| | Hazardous to the ozone layer | classification not possible |

Hazard pictograms (GHS JP)



GHS02



GHS06



GHS08

Signal word (GHS JP)

: Danger

Hazard statements (GHS JP)

: Highly flammable liquid and vapor (H225)
 Toxic in contact with skin (H311)
 Causes serious eye irritation (H319)
 Harmful if inhaled (H332)
 Causes damage to organs (respiratory system, central nervous system) (H370)
 May cause damage to organs (blood system, respiratory system, central nervous system, kidneys, liver) through prolonged or repeated exposure (H373)
 Toxic to aquatic life (H401)
 Harmful to aquatic life with long lasting effects (H412)

Precautionary statements (GHS JP)

Prevention

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
 Keep container tightly closed. (P233)
 Ground and bond container and receiving equipment. (P240)
 Use explosion-proof electrical/ventilating/lighting equipment. (P241)
 Use only non-sparking tools. (P242)
 Take action to prevent static discharges. (P243)
 Do not breathe dust/fume/gas/mist/vapors/spray. (P260)
 Wash hands, forearms and face thoroughly after handling. (P264)
 Do not eat, drink or smoke when using this product. (P270)
 Use only outdoors or in a well-ventilated area. (P271)
 Avoid release to the environment. (P273)
 Wear protective gloves/protective clothing/eye protection/face protection. (P280)

Response

: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353)
 IF INHALED: Remove person to fresh air and keep comfortable for breathing (P304+P340)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
 IF exposed or concerned: Call a POISON CENTER or doctor. (P308+P311)
 Get medical advice/attention if you feel unwell. (P314)
 If eye irritation persists: Get medical advice/attention. (P337+P313)
 Take off immediately all contaminated clothing and wash it before reuse. (P361+P364)
 In case of fire: Use specify appropriate media to extinguish. (P370+P378)

Storage

: Store in a well-ventilated place. Keep cool. (P403+P235)
 Store locked up. (P405)

Disposal

: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. (P501)

3. Composition/information on ingredients

Distinction of substance or mixture : Mixture

| Name | Concentration or Concentration range | Formula | Kanpo number | | CAS RN |
|------------------------|--------------------------------------|--------------|-----------------------|-----------------------------|------------|
| | | | CSCL no | ISHL no | |
| Acetonitrile | ≥98% | CH3CN | (2)-1508 | Existing Chemical Substance | 75-05-8 |
| 2,3,5-Trimethacarb | About 0.0025% | C11H15NO2 | - | - | 2655-15-4 |
| 3,4,5-Trimethacarb | About 0.0025% | C11H15NO2 | - | - | 2686-99-9 |
| Aldicarb | About 0.0025% | C7H14N2O2S | - | - | 116-06-3 |
| Aminocarb | About 0.0025% | C11H16N2O2 | - | - | 2032-59-9 |
| Bendiocarb | About 0.0025% | C11H13NO4 | - | - | 22781-23-3 |
| Benfuracarb | About 0.0025% | C20H30N2O5S | (5)-5639 | 8-(4)-928 | 82560-54-1 |
| Butocarboxim | About 0.0025% | C7H14N2O2S | - | - | 34681-10-2 |
| Butocarboxim sulfoxide | About 0.0025% | C7H14N2O3S | - | - | 34681-24-8 |
| Carbaryl | About 0.0025% | C12H11NO2 | (4)-387 | Existing Chemical Substance | 63-25-2 |
| Carbofuran | About 0.0025% | C12H15NO3 | (5)-5540 | 8-(4)-935 | 1563-66-2 |
| 3-hydroxycarbofuran | About 0.0025% | C12H15NO4 | - | - | 16655-82-6 |
| Carbosulfan | About 0.0025% | C20H32N2O3S | - | 8-(4)-941 | 55285-14-8 |
| Dioxacarb | About 0.0025% | C11H13NO4 | - | - | 6988-21-2 |
| Ethiofencarb | About 0.0025% | C11H15NO2S | - | 4-(6)-300 | 29973-13-5 |
| Fenobucarb (BPMC) | About 0.0025% | C12H17NO2 | (3)-2211 | Existing Chemical Substance | 3766-81-2 |
| Furathiocarb | About 0.0025% | C18H26N2O5S | - | 8-(4)-1074 | 65907-30-4 |
| Isoprocarb (MIPC) | About 0.0025% | C11H15NO2 | (3)-2211, (3)-2212 | 4-(6)-184 | 2631-40-5 |
| Mercaptodimethur | About 0.0025% | C11H15NO2S | - | - | 2032-65-7 |
| Methomyl | About 0.0025% | C5H10N2O2S | - | 2-(5)-130 | 16752-77-5 |
| Metolcarb | About 0.0025% | C9H11NO2 | (3)-2209 | 4-(6)-188 | 1129-41-5 |
| Oxamyl | About 0.0025% | C7H13N3O3S | - | 2-(5)-180 | 23135-22-0 |
| Pirimicarb | About 0.0025% | C11H18N4O2 | - | - | 23103-98-2 |
| Promecarb | About 0.0025% | C12H17NO2 | - | - | 2631-37-0 |
| Propoxur | About 0.0025% | C11H15NO3 | (3)-3216 | 4-(6)-185 | 114-26-1 |
| Terbucarb | About 0.0025% | C17H27NO2 | (3)-2208 | Existing Chemical Substance | 1918-11-2 |
| Thiodicarb | About 0.0025% | C10H18N4O4S3 | - | 2-(12)-235 | 59669-26-0 |
| Thiofanox | About 0.0025% | C9H18N2O2S | - | - | 39196-18-4 |
| Thiofanox sulfon | About 0.0025% | C9H18N2O4S | - | - | 39184-59-3 |
| Thiofanox sulfoxide | About 0.0025% | C9H18N2O3S | - | - | 39184-27-5 |
| Xylylcarb | About 0.0025% | C10H13NO2 | - | 4-(6)-186 | 2425-10-7 |
| XMC | About 0.0025% | C10H13NO2 | (3)-2210 | 3-(3)-70 | 2655-14-3 |

The above concentration or concentration range are not product specification.

All percentages listed in the above concentration or concentration range are wt%, unless otherwise specified.

4. First aid measures

First aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
Get immediate medical advice/attention.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing.
Gently wash with plenty of soap and water.
Get immediate medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get immediate medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting.
Rinse mouth.
Get immediate medical advice/attention.

5. Fire fighting measures

- Suitable extinguishing media : Water spray, Alcohol-resistant foam, Dry powder, Carbon dioxide, Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.
- Fire hazard : Extremely flammable liquid and vapor.
- Explosion hazard : Danger of the steam explosion in indoor, outdoor, sewer.
May induce explosion of containers by heating.
- Hazardous decomposition products in case of fire : In case of fire, product may produce irritative or toxic fumes/gases.
- Firefighting instructions : If ignited, for the initial fire-fighting, cut off combustion sources, extinguish fire at a stroke using appropriate fire-extinguishers.
In the case of peripheral fire, quickly remove movable containers to safe places.
If unable to be moved containers, sprinkle water to containers and surrounding equipment, etc. to cool.
Avoid (reject) fire-fighting water to enter environment.
Even after extinguishing fire, thoroughly cool containers by using plenty of water.
- Protection during firefighting : Wear appropriate fire-resistant clothing including self contained-compressed air breathing apparatus.

6. Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures

- General measures : Before entering, ventilate the area.
Do not let unauthorized persons come close to the area.
Immediately place the leakage area in isolation, with taking proper distances for all directions.
Wear appropriate personal protective devices to prevent inhalation and contact with eye, skin, and clothing, and never attempt to work on the lee.

Environmental precautions

- Environmental precautions : Avoid release to the environment.
Prevent entry to sewers and public waters.

Methods and Equipment for Containment and Cleaning up

- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it.
Collect leaking and spilled liquid in sealable containers as far as possible.
Wash out the spilled area with large amounts of water.

7. Handling and storage

Handling

- Technical measures : Work with appropriate personal protective equipment to prevent inhalation or contact to eyes, skin, and clothing.
Handle with care to prevent leakage, overflowing, or scattering, minimize generation of mist or vapor, and thoroughly ventilate.

| | |
|--|--|
| Precautions for safe handling | : Do not eat, drink or smoke when using this product. Thoroughly wash your hands and gargle after handling. Ensure good ventilation of the work station. Do not contact, breathe or swallow. Take precautionary measures against static discharge. Use explosion-proof equipment. |
| Prevents handling of incompatible substances or mixtures | : Avoid prolonged or repeated exposure. |
| Storage | |
| Storage conditions | : Store locked up. Store in a well-ventilated place, away from direct sunlight. Keep container tightly closed and keep away from fire and heat sources. |
| Material used in packaging/containers | : Light shielding airtight container. |
| Technical measures | : Comply with applicable regulations. |
| Storage temperature | : Freeze: -20°C |

8. Exposure controls / Personal protection equipment

| Exposure limit values | |
|-------------------------|---------------------------|
| Acetonitrile | |
| Exposure limits (ACGIH) | TWA 20 ppm, STEL - (Skin) |

Appropriate engineering controls : Cover up tightly the generation source at the handling place or install local exhaust equipment or overall ventilation equipment. Install safety showers and eye-fountains near a handling place. Clearly indicate the location.

Protective equipment

| | |
|--------------------------|--|
| Respiratory protection | : Gas mask for organic gases |
| Hand protection | : Impervious protective gloves |
| Eye protection | : Protective glasses (general glasses, glasses with side-shields, goggles) |
| Skin and body protection | : Impervious aprons, Impervious work clothing, Impervious long boots |

9. Physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Appearance | : Liquid |
| Color | : No data available |
| Odor | : No data available |
| pH | : No data available |
| Melting point | : -45 °C (as acetonitrile) |
| Freezing point | : No data available |
| Boiling point | : 82 °C (as acetonitrile) |
| Flash point | : 9.5 °C (as acetonitrile, tag closed cup) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative density | : No data available |
| Density | : 0.80 g/cm ³ (as acetonitrile) |
| Relative gas density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Explosive limits (vol %) | : No data available |
| Viscosity, kinematic | : No data available |
| Particle characteristics | : No data available |

10. Stability and reactivity

| | | |
|------------------------------------|---|---|
| Reactivity | : | No data available |
| Chemical stability | : | Stable under normal handling conditions. |
| Possibility of hazardous reactions | : | Reacts with strong oxidizing agents to pose a risk of fire and explosion. Reacts with acids and bases to generate a toxic gas. Corrodes plastics and rubbers. |
| Conditions to avoid | : | Sunlight, moisture, heat. Ignition sources such as flame, spark and static electricity. Contact with oxidizing agents, reducing agents, acids and bases. Contact with vinyl chloride resin, polystyrene, polycarbonate, etc. |
| Incompatible materials | : | Oxidizing agents, Reducing agents, Acids, Bases, Vinyl chloride resin, Polystyrene, Polycarbonate, etc |
| Hazardous decomposition products | : | Nitrogen oxides, Hydrogen cyanide |

11. Toxicological information

The information in this section is based on the "GHS Classification Results" by NITE.

| As a product | |
|---------------------------------------|--|
| Acute toxicity (oral) | No classification |
| Acute toxicity (dermal) | Category 3 |
| Acute toxicity (inhalation) | vapors:Category 4 Gases:No classification dust, mist:classification not possible |
| Skin corrosion/irritation | classification not possible |
| Serious eye damage/irritation | Category 2 |
| Respiratory sensitization | classification not possible |
| Skin sensitization | classification not possible |
| Germ cell mutagenicity | classification not possible |
| Carcinogenicity | classification not possible |
| Reproductive toxicity | classification not possible |
| STOT-single exposure | Category 1 |
| STOT-repeated exposure | Category 2 |
| Aspiration hazard | classification not possible |
| Acetonitrile | |
| Acute toxicity (oral) | No classification |
| Acute toxicity (dermal) | Category 3 |
| Acute toxicity (gas) | No classification |
| Acute toxicity (vapour) | Category 4 |
| Acute toxicity (inhalation:dust/mist) | classification not possible |
| Skin corrosion/irritation | No classification |
| Serious eye damage/irritation | Category 2 |
| Respiratory sensitization | classification not possible |
| Skin sensitization | classification not possible |
| Germ cell mutagenicity | classification not possible |
| Carcinogenicity | classification not possible |
| Reproductive toxicity | classification not possible |
| STOT-single exposure | Category 1 |
| STOT-repeated exposure | Category 2 |
| Aspiration hazard | classification not possible |

12. Ecological information

The information in this section is based on the "GHS Classification Results" by NITE.

| As a product | |
|---|-----------------------------|
| Hazardous to the aquatic environment, short-term (acute) | Category 2 |
| Hazardous to the aquatic environment, long-term (chronic) | Category 3 |
| Persistence and degradability | No data available |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| Ozone | classification not possible |

| Acetonitrile | |
|---|-----------------------------|
| Hazardous to Aquatic Environment - Acute Hazard | No classification |
| Hazardous to Aquatic Environment - Chronic Hazard | No classification |
| Persistence and degradability | No data available |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| Hazardous to the ozone layer | classification not possible |

13. Disposal considerations

- Ecology - waste materials : With the detail information of the waste, subcontract its disposal to a waste disposer authorized by a Prefectural Governor.
- Contaminated container and packaging : Empty the packaging completely prior to disposal.
Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

14. Transport information

International Regulations

Transport by sea(IMDG)

- UN-No. (IMDG) : 1992
- Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, TOXIC, N.O.S.
- Packing group (IMDG) : II
- Transport hazard class(es) (IMDG) : 3 (6.1)
- Hazard labels (IMDG) : 3,6.1
- Class (IMDG) : 3
- Subsidiary hazard (IMDG) : 6.1
- Special provision (IMDG) : 274
- Limited quantities (IMDG) : 1 L
- Excepted quantities (IMDG) : E2
- Packing instructions (IMDG) : P001
- IBC packing instructions (IMDG) : IBC02
- Tank instructions (IMDG) : T7
- Tank special provisions (IMDG) : TP2, TP13
- Stowage category (IMDG) : B
- Properties and observations (IMDG) : Flammable toxic liquid which is not specified by name in this class or, on account of its characteristics, in some other class. Toxic if swallowed, by skin contact or by inhalation.
- MFAG-No : 131

Air transport(IATA)

- UN-No. (IATA) : 1992
- Proper Shipping Name (IATA) : Flammable liquid, toxic, n.o.s.
- Packing group (IATA) : II
- Transport hazard class(es) (IATA) : 3 (6.1)
- Hazard labels (IATA) : 3, 6.1
- Class (IATA) : 3
- Subsidiary hazards (IATA) : 6.1
- PCA Excepted quantities (IATA) : E2
- PCA Limited quantities (IATA) : Y341
- PCA limited quantity max net quantity (IATA) : 1L
- PCA packing instructions (IATA) : 352
- PCA max net quantity (IATA) : 1L
- CAO packing instructions (IATA) : 364
- CAO max net quantity (IATA) : 60L
- Special provision (IATA) : A3
- ERG code (IATA) : 3HP

Marine pollutant : Not applicable

Regulations in Japan

- Regulatory information by sea : Conform to the provisions of the Ship Safety Law.
- Regulatory information by air : Conform to the provisions of the Civil Aeronautics Law.
- MFAG-No : 131

Special transport precautions : When transporting, load containers so that they do not tip over, damage, drop or collapse. Make sure there is no leak in containers.

15. Regulatory information

National law

| | | |
|---|---|--|
| Chemical Substances Control Law | : | Priority Assessment Chemical Substances (Law Article 2, Para.5) |
| Industrial Safety and Health Law | : | Harmful Substances Whose Names Are to be Indicated on the Label (Law Art.57, Para.1, Enforcement Order Art.18 Item 1, Item 2, Attached Table No.9) Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9) Acetonitrile (Ordinance number : 15) Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4) |
| Japanese Poisonous and Deleterious Substances Control Law | : | Deleterious Substances (Designated Order Art.2) 2,3-Dihydro-2,2-dimethyl-7-benzo[b]furan-yl-N-dibutylaminothio-N-methylcarbamate(Carbosulfan) and preparations containing it Preparations containing 5% or less of butyl 2,3-dihydro-2,2-dimethylbenzofuran-7 -yl N,N'-dimethyl-N,N'- thiodicarbamate (Furathiocarb) 2-Dimethylamino-5,6-dimethylpyrimidyl-4-N,N-dimethylcarbamate and preparations containing it 2-(1,3-Dioxolan-2-yl)-phenyl-N-methylcarbamate and preparations containing it Preparations containing 5% or less of 2,2-dimethyl-1,3-benzodioxol-4-yl-N-methylcarbamate(Bendiocarb) 3,4-Dimethylphenyl-N-methylcarbamate and preparations containing it Methyl isothiocyanate and preparations containing it Organic cyanide compounds and preparations containing it (except for following (1)-(169)) Preparations containing 0.8% or less of methyl-N',N'-dimethyl-N-[(methylcarbamoyl)oxy]-1-thiooxamimidate Preparations containing 45% or less of S-methyl-N-[(methylcarbamoyl)-oxy]thioacetimidate(Methomyl) 3,7,9,13-Tetramethyl-5,11-dioxa-2,8,14-trithia-4,7,9,12-tetraazapentadeca-3,12-diene-6,10-dione(Thiodicarb) and preparations containing it |
| Water Pollution Prevention Law | : | Hazardous Substances (Act, Art.2, Enforcement Order Art.2, Ministerial Ordinance to Provide for Effluent Standards, Art.1) Designated Chemical Substances (Law Article 2, Paragraph 4, Enforcement Order Article 3-3) |
| Fire Service Law | : | Group 4 - Flammable liquids - 1st Class petroleum - soluble (Law Art.2 Para.7, Attached Table 1, Group 4) |
| Air Pollution Control Law | : | Hazardous Air Pollutants (Central Environment Council Report No. 9) Volatile Organic Compounds (Law Art.2 Para.4) (MOE Official Notice to Prefectures) |
| Foreign Exchange and Foreign Trade Control Act | : | Export Trade Control Ordinance appendix 1-16 Export Approval (Export Trade Control Order, Attached Table 2) |
| Ship Safety Act | : | Flammable liquids (Dangerous Goods Notification Schedule first second and third Article Dangerous Goods Regulations) |
| Civil Aeronautics Law | : | Flammable liquids (Hazardous materials notice Appended Table 1 Article 194 of the Enforcement Regulations) |
| Port Regulation Law | : | Flammable liquids (Article 21, Paragraph 2 of Law, Article 12 rule, notice attached table that defines the type of dangerous goods) |
| Road Act | : | Restriction for Vehicle Traffic (Enforcement Order Art.19-13, Publication of Japan Highway Public Corp.) |
| Waste Management on Public Cleansing Law | : | Specially Controlled Industrial Wastes (Act Art.2, para 5, Enforcement Order Art.2-4) |
| Sewerage Law | : | Substances for Water Quality Standard (Act Art.12-2 Para.2, Enforcement Order Art.9-4) |
| Japanese Pollutant Release and Transfer Register Law (PRTR Law) | : | Not applicable |
| Labor Standards Act | : | Chemical Substances Causing Occupational Illnesses (Act Art.75, Para.2, Ordinance Attached Table 1-2, Item 4-1, MHLW Notification No.36 of 1978) |
| Soil Contamination Countermeasures Law | : | Designated Hazardous Substances (Act Art.2 Para.3, Enforcement Order Art.1) |

16. Other information

- Data sources : Handbook of 17423 Chemical Products, The Chemical Daily Co, Ltd.
International Chemical Safety Cards.
National Institute of Technology and Evaluation (NITE).
2020 Emergency Response Guidebook (ERG 2020).
- Other information : The SDS is copyrighted material of Hayashi Pure Chemical Ind, Ltd.
This Safety Data Sheet is intended to be provided for business operators who handle chemical substance products of the relevant product and is not intended to assure safety in any way. The Safety Data Sheet does not verify all the information on the applicable chemical substance in the present time. With the recognition in that unknown danger constantly exists in the relevant chemical substance, the product shall be used in the principle of self-responsibility of the user with the highest priority to safety from transport and unpacking to disposal. When the relevant chemical substance is used, the user him/herself shall collect safety information and shall investigate laws and regulations at the place, organizations, countries, etc. where the substance is actually used and give the highest priority to them. The Company shall take no responsibility for investigating state and local regulations and the user shall handle this problem on his/her own responsibility. In the event that SDS in Japanese and SDS translated into other languages exist, the document described in Japanese is prior to all other documents whether or not there is any difference in contents, and documents in other languages shall be references.