

Hayashi Pure Chemical Ind.,Ltd.

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SDS code: Q4-18

Version: 05

# Safety Data Sheet

## 1. Chemical product and company identification

Product name       :       PL2005 Pesticides LC/MS Mix 7         SDS code       :       Q4-18         Company/undertaking       :       .         identification       .       .         HAYASHI PURE CHEMICAL IND.,LTD.       .       .         Address : 3-2-12 Uchihiranomachi, Chuo-ku, Osaka, Osaka, Japan       .         Telephone : 06-6910-7305       .         E-mail : shiyaku_kikaku@hpc-j.co.jp       .         URL : https://www.hpc-j.co.jp/       .         Emergency number       :       .         For research and experimental use only.       .         Post trictions on use       .       .         Post trictions on use       .       .
Company/undertaking       :         identification
identification         HAYASHI PURE CHEMICAL IND.,LTD.         Address : 3-2-12 Uchihiranomachi, Chuo-ku, Osaka, Osaka, Japan         Telephone : 06-6910-7305         E-mail : shiyaku_kikaku@hpc-j.co.jp         URL : https://www.hpc-j.co.jp/         Emergency number       :         06-6910-7305         Recommended use       :         For research and experimental use only.
<b>Recommended use</b> : For research and experimental use only.
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<b>Department in the set use for any number of the then research and experiment.</b> Do not use
Restrictions on use       : Do not use for any purpose other than research and experiment. Do not use human body or for animal medicines, foods, household products, cosmetics Do not use in the environment.

## 2. Hazards identification

### **GHS** classification

GHS Classification		
Physical hazards	Explosives	classification not possible
	Flammable gases	No classification
	Aerosol	classification not possible
	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	classification not possible
	Oxidizing liquids	classification not possible
	Oxidizing solids	No classification
	Organic peroxides	classification not possible
	Corrosive to metals	classification not possible
	Desensitized eplosives	classification not possible
Health hazards	Acute toxicity (oral)	classification not possible
	Acute toxicity (dermal)	Category 3
	Acute toxicity (inhalation:gas)	classification not possible
	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)

	Specific target orga (repeated exposure		Category 2 (blood system, respiratory system, central nervous system, kidneys, liver)
En des estat	Aspiration hazard		classification not possible
Environmental hazards	Hazardous to the a environment, short		classification not possible
	Hazardous to the a environment, long-		classification not possible
	Hazardous to the c	ozone layer	classification not possible
Hazard pictograms (GHS JP)	<u>*</u>		
	GHS02 GH	IS06 GH	IS08
Signal word (GHS JP	) :	Danger	
Hazard statements (C	GHS JP) :	Highly flammable	liquid and vapor (H225)
		Toxic in contact w	
		Harmful if inhaled	ye irritation (H319) (H332)
		Causes damage t	o organs (respiratory system, central nervous system)
		(H370) May cause damag	ge to organs (blood system, respiratory system, central
			kidneys, liver) through prolonged or repeated exposure
		(H373)	
Precautionary statem	ents (GHS JP)		
Prevention		sources. No smol Keep container tig Ground and bond Use explosion-pro Use only non-spa Take action to pre Do not breathe du Wash hands, fore Do not eat, drink Use only outdoors	heat, hot surfaces, sparks, open flames and other ignition king. (P210) ghtly closed. (P233) container and receiving equipment. (P240) pof electrical/ventilating/lighting equipment. (P241) rking tools. (P242) event static discharges. (P243) ust/fume/gas/mist/vapors/spray. (P260) earms and face thoroughly after handling. (P264) or smoke when using this product. (P270) s or in a well-ventilated area. (P271) lloves/protective clothing/eye protection/face protection.
Response	:	IF ON SKIN (or hi Rinse skin with w IF INHALED: Ren breathing (P304+ IF IN EYES: Rins contact lenses, if (P305+P351+P35 IF exposed or cor (P308+P311) Get medical advic If eye irritation pe Take off immedia (P361+P364)	e cautiously with water for several minutes. Remove present and easy to do. Continue rinsing.
Storage			ntilated place. Keep cool. (P403+P235)
Disposal		Store locked up. (	(P405) hts/container to hazardous or special waste collection
Disposal			ce with local, regional, national and/or international

## 3. Composition/information on ingredients

Distinction of substance or mixture : Mixture

Name	Concentration or	Formula	Kanpo	CAS RN	
Name	Concentration range	Formula	CSCL no	ISHL no	CASIN
Acetonitrile	≧98%	CH3CN	(2)-1508	Existing Chemical Substance	75-05-8
Abamectin	About 0.0063%	C48H72O14 (avermectin B1a); C47H70O14 (avermectin B1b)	-	8-(5)-446	71751-41-2
Cycloate	About 0.0063%	C11H21NOS	-	-	1134-23-2
Diallate	About 0.0063%	C10H17Cl2NOS	-	-	2303-16-4
Hexaflumuron	About 0.0063%	C16H8Cl2F6N2O3	-	4-(7)-1603	86479-06-3
Lufenuron	About 0.0063%	C17H8Cl2F8N2O3	-	-	103055-07-8
Oryzalin	About 0.0063%	C12H18N4O6S	-	-	19044-88-3
Phenmedipham	About 0.0063%	C16H16N2O4	(3)-2495	Existing Chemical Substance	13684-63-4
Silafluofen	About 0.0063%	C25H29FO2Si	(3)-4195	4-(3)-59	105024-66-6
Tralkoxidym	About 0.0063%	C20H27NO3	-	-	87820-88-0
Tridemorph	About 0.0063%	C19H39NO (approx.)	-	-	24602-86-6

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.
First-aid measures after ingestion	:	Get immediate medical advice/attention. 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 mea		
	Equi	ipment 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 Conta	inm	ent 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, Protective long boots

# 9. Physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid
Color	:	No data available
Odor	:	No data available
рН	:	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 <sup>3</sup> (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 rubber.
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)	classification not possible
Acute toxicity (dermal)	Category 3
Acute toxicity (inhalation)	vapors:Category 4
	Gases:classification not possible
	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

Acetonitrile			
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,	classification not possible		
short-term (acute)			
Hazardous to the aquatic environment, long-term (chronic)	classification not possible		
	Ne data available		
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) Proper Shipping Name (IMDG) Packing group (IMDG) Transport hazard class(es) (IMDG) Hazard labels (IMDG) Class (IMDG)	:	1992 FLAMMABLE LIQUID, TOXIC, N.O.S. II 3 (6.1) 3,6.1 3
Subsidiary hazard (IMDG) Special provision (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG)	:	6.1 274 1 L F2
Packing instructions (IMDG)	:	P001

IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) Stowage category (IMDG)	: IBC02 : T7 : TP2, TP13 : B
Properties and observations (IMDG)	<ul> <li>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.</li> </ul>
MFAG-No	: 131
Air transport(IATA)	
UN-No. (IATA) Proper Shipping Name (IATA)	: 1992 : Flammable liquid, toxic, n.o.s.
Packing group (IATA)	
Transport hazard class(es) (IATA) Hazard labels (IATA)	: 3 (6.1) : 3, 6.1
Class (IATA)	: 3
Subsidiary hazards (IATA)	: 6.1
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA) PCA limited quantity max net	: Y341 : 1L
quantity (IATA)	
PCA packing instructions (IATA) PCA max net quantity (IATA)	: 352 : 1L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provision (IATA) ERG code (IATA)	: A3 : 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 MFAG-No	: Conform to the provisions of the Civil Aeronautics Law. : 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	
15. Regulatory information National law	
National law Chemical Substances Control Law	: Priority Assessment Chemical Substances (Law Article 2, Para.5)
National 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,
National law Chemical Substances Control Law	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> </ul>
National law Chemical Substances Control Law	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order</li> </ul>
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National law Chemical Substances Control Law Industrial Safety and Health Law Japanese Poisonous and	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> <li>Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9)</li> <li>Acetonitrile (Ordinance number : 15)</li> <li>Deleterious Substances (Designated Order Art.2)</li> <li>Organic cyanide compounds and preparations containing it (except for following (1)-(169))</li> </ul>
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National law Chemical Substances Control Law Industrial Safety and Health Law Japanese Poisonous and Deleterious Substances Control Law	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> <li>Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9)</li> <li>Acetonitrile (Ordinance number : 15)</li> <li>Deleterious Substances (Designated Order Art.2)</li> <li>Organic cyanide compounds and preparations containing it (except for following (1)-(169))</li> <li>Preparations containing 1.8% or less of abamectin</li> <li>Hazardous Substances (Act, Art.2, Enforcement Order Art.2,</li> </ul>
National law Chemical Substances Control Law Industrial Safety and Health Law Japanese Poisonous and Deleterious Substances Control Law Water Pollution Prevention Law	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> <li>Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9)</li> <li>Acetonitrile (Ordinance number : 15)</li> <li>Deleterious Substances (Designated Order Art.2)</li> <li>Organic cyanide compounds and preparations containing it (except for following (1)-(169))</li> <li>Preparations containing 1.8% or less of abamectin</li> <li>Hazardous Substances (Act, Art.2, Enforcement Order Art.2, Ministerial Ordinance to Provide for Effluent Standards, Art.1)</li> <li>Group 4 - Flammable liquids - 1st Class petroleums - soluble (Law</li> </ul>
National law Chemical Substances Control Law Industrial Safety and Health Law Japanese Poisonous and Deleterious Substances Control Law Water Pollution Prevention Law Fire Service Law	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> <li>Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9)</li> <li>Acetonitrile (Ordinance number : 15)</li> <li>Deleterious Substances (Designated Order Art.2)</li> <li>Organic cyanide compounds and preparations containing it (except for following (1)-(169))</li> <li>Preparations containing 1.8% or less of abamectin</li> <li>Hazardous Substances (Act, Art.2, Enforcement Order Art.2, Ministerial Ordinance to Provide for Effluent Standards, Art.1)</li> <li>Group 4 - Flammable liquids - 1st Class petroleums - soluble (Law Art.2 Para.7, Attached Table 1, Group 4)</li> <li>Hazardous Air Pollutants (Central Environment Council Report No. 9) Volatile Organic Compounds (Law Art.2 Para.4) (MOE Official Notice</li> </ul>
National law Chemical Substances Control Law Industrial Safety and Health Law Japanese Poisonous and Deleterious Substances Control Law Water Pollution Prevention Law Fire Service Law Air Pollution Control Law Foreign Exchange and Foreign	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> <li>Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9)</li> <li>Acetonitrile (Ordinance number : 15)</li> <li>Deleterious Substances (Designated Order Art.2)</li> <li>Organic cyanide compounds and preparations containing it (except for following (1)-(169))</li> <li>Preparations containing 1.8% or less of abamectin</li> <li>Hazardous Substances (Act, Art.2, Enforcement Order Art.2, Ministerial Ordinance to Provide for Effluent Standards, Art.1)</li> <li>Group 4 - Flammable liquids - 1st Class petroleums - soluble (Law Art.2 Para.7, Attached Table 1, Group 4)</li> <li>Hazardous Air Pollutants (Central Environment Council Report No. 9) Volatile Organic Compounds (Law Art.2 Para.4) (MOE Official Notice to Prefectures)</li> </ul>
National lawChemical Substances Control LawIndustrial Safety and Health LawJapanese Poisonous and Deleterious Substances Control LawWater Pollution Prevention LawFire Service LawAir Pollution Control LawForeign Exchange and Foreign Trade Control Act	<ul> <li>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)</li> <li>Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)</li> <li>Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Item 1, Item 2, Attached Table No.9)</li> <li>Acetonitrile (Ordinance number : 15)</li> <li>Deleterious Substances (Designated Order Art.2)</li> <li>Organic cyanide compounds and preparations containing it (except for following (1)-(169))</li> <li>Preparations containing 1.8% or less of abamectin</li> <li>Hazardous Substances (Act, Art.2, Enforcement Order Art.2, Ministerial Ordinance to Provide for Effluent Standards, Art.1)</li> <li>Group 4 - Flammable liquids - 1st Class petroleums - soluble (Law Art.2 Para.7, Attached Table 1, Group 4)</li> <li>Hazardous Air Pollutants (Central Environment Council Report No. 9) Volatile Organic Compounds (Law Art.2 Para.4) (MOE Official Notice to Prefectures)</li> <li>Export Trade Control Ordinance appendix 1-16</li> </ul>

Road Act	:	Restriction for Vehicle Traffic (Enforcement Order Art.19-13, Publication of Japan Highway Pablic Corp.)
Waste Management on Public Cleansing Law	:	Specially Controlled Industrial Wastes (Act Art.2, para 5, Enfothment 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)	:	Class 1 Designated Chemical Substances (Act Art.2 para. 2, Enforcement Oder Art.1 Appended Table No.1) Acetonitrile ( $\geq$ 98%)
		[After amendment of April 2023] Not applicable
Soil Contamination Countermeasures Law	:	Designated Hazardous Substances (Act Art.2 Para.3, Enforcement Order Art.1)
16. Other information		
Data sources	:	Handbook of 17322 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 at the place how and the bighest priority to the metal substance is a substance is a substance is user and the user shall be user and the place how and the bighest priority to the bighest priority to the safety and the place of the place how and the bighest priority to the bighest priority to the place of

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.