



# SAFETY DATA SHEET

According to JIS Z 7253:2019 Revision date 08-Nov-2023 Revision Number 2.02

# Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Pesticide Mixture Standard Solution PL-10-1 (each 20µg/mL Acetone Solution)
Product Code	164-23051,160-23053

FUJIFILM Wako Pure Chemical Corporation **Supplier** 

1-2 Doshomachi 3-Chome, Chuo-ku, Osaka 540-8605, Japan

Phone: +81-6-6203-3741 Fax: +81-6-6203-2029

**Emergency telephone number** 

+81-6-6203-3741 / +81-3-3270-8571

Recommended uses

Restrictions on use

For research use only

Reference material (as defined in Japanese Industrial Standards (JIS) Q0030) Seek expert judgment when using for purposes other than those recommended.

# Section 2: HAZARDS IDENTIFICATION

**GHS** classification

Classification of the substance or mixture

Flammable liquids Category 2 Serious eye damage/eye irritation Category 2B **Reproductive Toxicity** Category 2 Specific target organ toxicity (single exposure) Category 3

Category 3 Respiratory irritation, Narcotic effects Specific target organ toxicity (repeated exposure)

Category 1 central nervous system, respiratory system

**Pictograms** 



# **Hazard statements**

H225 - Highly flammable liquid and vapor

H320 - Causes eye irritation

H361 - Suspected of damaging fertility or the unborn child

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H372 - Causes damage to the following organs through prolonged or repeated exposure: central nervous system, respiratory system

#### **Precautionary statements-(Prevention)**

- · Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Do not breathe dust/fume/gas/mist/vapors/spray
- · Wash face, hands and any exposed skin thoroughly after handling

Category 1

- Do not eat, drink or smoke when using this product
- · Use only outdoors or in a well-ventilated area
- · Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- · Keep container tightly closed
- · Ground/bond container and receiving equipment
- Use explosion-proof electrical/ ventilating / lighting / equipment
- Use only non-sparking tools
- · Take precautionary measures against static discharge
- · Keep cool

## Precautionary statements-(Response)

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- In case of fire: Use suitable extinguishing media for extinction

### Precautionary statements-(Storage)

- Store in a well-ventilated place. Keep container tightly closed
- Store locked up

# Precautionary statements-(Disposal)

· Dispose of contents/container to an approved waste disposal plant

**Others** 

Other hazards

Not available

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture Mixture

Chemical Name	Weight-%	Molecular weight	ENCS	ISHL No.	CAS RN
Acetone	<100	58.08	(2)-542	*	67-64-1
Aldicarb	0.0020	190.26	N/A	N/A	116-06-3
Azoxystrobin	0.0020	403.39	N/A	8-(2)-1798	131860-33-8
Thiabendazole	0.0020	201.25	(9)-820 : (9)-1851	8-(7)-224	148-79-8
Aldicarb sulfone	0.0020	222.26	N/A	N/A	1646-88-4
Metribuzin	0.0020	214.29	N/A	8-(3)-525	21087-64-9
Bendiocarb	0.0020	223.23	N/A	N/A	22781-23-3
Acephate	0.0020	183.17	N/A	2-(3)-168	30560-19-1
Metalaxyl	0.0020	279.33	N/A	N/A	57837-19-1
Carbaryl	0.0020	201.22	(4)-387	*	63-25-2

Note on ISHL No.: \* in the table means announced chemical substances.

Impurities and/or Additives: Not applicable

# **Section 4: FIRST AID MEASURES**

#### Inhalation

Remove to fresh air. If symptoms persist, call a physician.

#### Skin contact

Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

### Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.

# Ingestion

Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

# Protection of first-aiders

Use personal protective equipment as required.

# **Section 5: FIRE FIGHTING MEASURES**

#### Suitable extinguishing media

Carbon dioxide (CO2), Foam, Extinguishing powder, Sand

### Unsuitable extinguishing media

No information available

### Specific hazards arising from the chemical product

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Vapors may form explosive mixtures with air

### Special extinguishing method

No information available

### Special protective actions for

### fire-fighters

Use personal protective equipment as required. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## Section 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

For indoor, provide adequate ventilation process until the end of working. Deny unnecessary entry other than the people involved by, for example, using a rope. While working, wear appropriate protective equipments to avoid adhering it on skin, or inhaling the gas. Work from windward, and retract the people downwind.

#### **Environmental precautions**

To be careful not discharged to the environment without being properly handled waste water contaminated.

#### Methods and materials for contaminent and methods and materials for cleaning up

Absorb dry sand, earth, sawdust and the waste. Collect empty container that can be sealed.

#### Recoverly, neutralization

No information available

# Secondary disaster prevention measures

Clean contaminated objects and areas thoroughly observing environmental regulations.

# Section 7: HANDLING AND STORAGE

#### Handling

#### **Technical measures**

Highly flammable. Avoid contact with high temperature objects, spark, and strong oxidizing agents. To cut with care and wear protective gloves and protective goggles to ampoule time of the opening (Cutting method to check the label). Use with local exhaust ventilation.

### **Precautions**

Do not rough handling containers, such as upsetting, falling, giving a shock, and dragging. Prevent leakage, overflow, and scattering. Not to generate steam and dust in vain. Seal the container after use. After handling, wash hands and face, and then gargle. In places other than those specified, should not be smoking or eating and drinking. Should not be brought contaminated protective equipment and gloves to rest stops. Deny unnecessary entry of non-emergency personnel to the handling area.

## Safety handling precautions

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

## Storage

### Safe storage conditions

Storage conditions Container protected from light, and store tightly closed in freezer (-20°C). Packed with an

inert gas. Store locked up.

Safe packaging material Ampoule

Incompatible substances Strong oxidizing agents

# Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# **Engineering controls**

In case of indoor workplace, seal the source or use a local exhaust system. Provide the safety shower facility, and handand eye-wash facility. And display their position clearly.

**Exposure limits** 

Chemical Name	JSOH (Japan)	ISHL (Japan)	ACGIH
Acetone	200ppm(470mg/m <sup>3</sup> )	ISHL/ACL: 500 ppm	STEL: 500 ppm
67-64-1			TWA: 250 ppm
Aldicarb	N/A	N/A	TWA: 0.005 mg/m³ inhalable
116-06-3			fraction and vapor
			Skin
Metribuzin	N/A	N/A	TWA: 5 mg/m <sup>3</sup>
21087-64-9			
Bendiocarb	N/A	N/A	TWA: 0.1 mg/m <sup>3</sup> inhalable
22781-23-3			fraction and vapor
			Skin
Carbaryl	TWA: 5 mg/m <sup>3</sup> OEL	N/A	TWA: 0.5 mg/m <sup>3</sup> inhalable
63-25-2	Skin		fraction and vapor
			Skin

Chemical Name	Concentration standard value set by the Minister of Health, Labor and Welfare (8hr)	
Carbaryl 63-25-2	0.5 mg/m <sup>3</sup>	N/A

Personal protective equipment

Respiratory protection
Hand protection
Eye protection
gas mask for organic gas (JIS T 8152)
chemical protective gloves (JIS T 8116)
protective eyeglasses or chemical safety goggles

Skin and body protection Long-sleeved work clothes

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

# **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Form** 

ColorcolorlessTurbidityclearAppearanceliquid

**Odor** characteristic odor

 $\begin{array}{ll} \mbox{Melting point/freezing point} & -95.3 \ ^{\circ}\mbox{C} \\ \mbox{Boiling point, initial boiling point and boiling range} & 56 \ ^{\circ}\mbox{C} \\ \end{array}$ 

Flammability Highly flammable liquid and vapor

**Evaporation rate:**no data available
Flammability (solid, gas):
no data available

Upper/lower flammability or

explosive limits

Upper: 13.0 vol%
Lower: 2.15 vol%
Flash point -18 °C
Auto-ignition temperature: 538 °C

Decomposition temperature:

pH

no data available

**Solubilities** water , Ethanol , Diethyl ether : freely soluble .

n-Octanol/water partition coefficient:(log Pow) -0.24 Vapour pressure 24.7

Specific Gravity / Relative density 0.789 - 0.792 g/mL

Vapour density 2.0

Particle characteristics no data available

# **Section 10: STABILITY AND REACTIVITY**

#### Stability

**Reactivity** no data available **Chemical stability** May be altered by light.

**Hazardous reactions** 

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight, Heat, flames and sparks, static electricity, spark

Incompatible materials

Strong oxidizing agents

**Hazardous decomposition products** 

Carbon monooxide (CO), Carbon dioxide (CO2), Nitrogen oxides (NOx), Sulfur oxides (SOx), Phosphorus oxide

# Section 11: TOXICOLOGICAL INFORMATION

**Acute toxicity** 

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone	5800 mg/kg ( Rat )	> 7400 mg/kg ( Rabbit )	32000 ppm ( Rat ) 4 h(vapor)
Aldicarb	0.46 mg/kg (Rat)	2500 μg/kg (Rat)	200 mg/m³ (Rat) 5 h
	500 μg/kg (Rat)		
Azoxystrobin	>5000 mg/kg ( Rat )	>2000 mg/kg ( Rat )	0.698 mg/L ( Rat ) 4 h
Thiabendazole	4,700 - 5,100 mg/kg ( Rat )	>2,000 mg/kg ( Rabbit )	N/A
Aldicarb sulfone	20 mg/kg (Rat)	1 g/kg (Rat)	140 mg/m³ (Rat)4 h
		200 mg/kg (Rabbit)	-
Metribuzin	1100 mg/kg (Rat)	> 2000 mg/kg (Rat)	N/A
Bendiocarb	34 mg/kg (Rat)	566 mg/kg (Rat)	N/A
Acephate	866 mg/kg (Rat)	> 2000 mg/kg ( Rabbit )	> 6.26 mg/L ( Rat )
		> 2000 mg/kg ( Rat )	-
Metalaxyl	566 mg/kg ( Rat )	> 6000 mg/kg (Rabbit)	N/A
		> 3100 mg/kg (Rat)	
Carbaryl	302.6 mg/kg (Rat)	2000 mg/kg (Rat, Rabbit)	2.43 mg/L ( Rat ) 4 h

Chemical Name	Acute toxicity -oral- source information	Acute toxicity -dermal- source information	Acute toxicity -inhalation gas- source information
Acetone	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Azoxystrobin	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
,	classification results.	classification results.	classification results.
Thiabendazole	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Metribuzin	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Bendiocarb	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Acephate	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
·	classification results.	classification results.	classification results.
Carbaryl	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.

Chemical Name	Acute toxicity -inhalation	Acute toxicity -inhalation dust-	Acute toxicity -inhalation mist-
	vapor- source information	source information	source information

Acetone	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Azoxystrobin	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
•	classification results.	classification results.	classification results.
Thiabendazole	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Metribuzin	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Bendiocarb	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
	classification results.	classification results.	classification results.
Acephate	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
•	classification results.	classification results.	classification results.
Carbaryl	Based on the NITE GHS	Based on the NITE GHS	Based on the NITE GHS
,	classification results.	classification results.	classification results.

## Skin irritation/corrosion

Chemical Name	Skin corrosion/irritation source information
Acetone	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.

Serious eye damage/ irritation

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Chemical Name	Serious eye damage/irritation source information	
Acetone	Based on the NITE GHS classification results.	
Azoxystrobin	Based on the NITE GHS classification results.	
Thiabendazole	Based on the NITE GHS classification results.	
Metribuzin	Based on the NITE GHS classification results.	
Bendiocarb	Based on the NITE GHS classification results.	
Acephate	Based on the NITE GHS classification results.	
Carbaryl	Based on the NITE GHS classification results.	

Respiratory or skin sensitization

Chemical Name	Respiratory or Skin sensitization source information
Acetone	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.

Reproductive cell mutagenicity

Chemical Name	germ cell mutagencity source information
Acetone	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.

Carcinogenicity

Carcinogenicity	
Chemical Name	Carcinogenicity source information
Acetone	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.

Chemical Name	NTP	IARC	ACGIH	JSOH (Japan)
Aldicarb		Group 2A		
116-06-3		Group 3		
Aldicarb sulfone 1646-88-4		Group 2A		
Bendiocarb 22781-23-3		Group 2A		
Acephate 30560-19-1		Group 2A		
Carbaryl		Group 2A		
63-25-2		Group 3		

Reproductive toxicity

reproductive textority	
Chemical Name Reproductive toxicity source inform	
Acetone	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.

STOT-single exposure

Chemical Name STOT -single exposure- source inf	
Acetone	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.

STOT-repeated exposure

Chemical Name	STOT -repeated exposure- source information	
Acetone	Based on the NITE GHS classification results.	
Azoxystrobin	Based on the NITE GHS classification results.	
Thiabendazole	Based on the NITE GHS classification results.	
Metribuzin	Based on the NITE GHS classification results.	
Bendiocarb	Based on the NITE GHS classification results.	
Acephate	Based on the NITE GHS classification results.	
Carbaryl	Based on the NITE GHS classification results.	

Aspiration hazard

topilation nazara			
Aspiration Hazard source information			
Based on the NITE GHS classification results.			
Based on the NITE GHS classification results.			
Based on the NITE GHS classification results.			
Based on the NITE GHS classification results.			
Based on the NITE GHS classification results.			
Based on the NITE GHS classification results.			
Based on the NITE GHS classification results.			

# **Section 12: ECOLOGICAL INFORMATION**

# **Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Acetone	N/A	LC50 : Fathead minnow	N/A
		>100 mg/L 96 h	
Aldicarb	N/A	LC50:Lepomis macrochirus	N/A
		0.034 - 0.079 mg/L 96 h	
		LC50:Oncorhynchus mykiss	

		0.394 - 0.796 mg/L 96 h LC50:Pimephales promelas 0.751 - 0.987 mg/L 96 h LC50:Poecilia reticulata 0.13 mg/L 96 h	
Azoxystrobin	N/A	N/A	EC50 : Mysidopsis bahia 0.055 mg/L 96 h
Thiabendazole	N/A	N/A	EC50 : Daphnia magna 0.31 mg/L 48 h
Metribuzin	EC50 : Pseudokirchneriella subcapitata 0.039 mg/L	N/A	N/A
Bendiocarb	N/A	LC50:Oncorhynchus mykiss 1.55 mg/L 48 h	N/A
Acephate	N/A	N/A	EC50 : Daphnia magna 55 mg a.i./L 48 h
Metalaxyl	N/A	LC50:Oncorhynchus mykiss 13.6 - 30.8 mg/L 96 h LC50:Lepomis macrochirus 23 - 30 mg/L 96 h	N/A
Carbaryl	N/A	LC50:Oncorhynchus mykiss 320 μg/L 96 h	EC50:Daphnia magna 0.00026 mg/L 48 h

#### Other data

Chemical Name	Short-term (acute) hazardous to the aquatic environment source information	Long-term (chronic) hazardous to the aquatic environment source information
Acetone	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Azoxystrobin	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Thiabendazole	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Metribuzin	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Bendiocarb	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Acephate	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Carbaryl	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.

Persistence and degradability
Bioaccumulative potential
Mobility in soil
Hazard to the ozone layer

No information available
No information available
No information available

# **Section 13: DISPOSAL CONSIDERATIONS**

#### Waste from residues

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## Contaminated container and contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

# **Section 14: TRANSPORT INFORMATION**

ADR/RID

UN number UN1090
Proper shipping name: Acetone
UN classfication 3
Subsidiary hazard class

Packing group

Marine pollutant Not applicable

**IMDG** 

**UN** number UN1090 Proper shipping name: Acetone UN classfication

Subsidiary hazard class

Packing group

Marine pollutant (Sea) Not applicable

Transport in bulk according to No information available

Annex II of MARPOL 73/78 and

the IBC Code

**IATA** 

**UN** number UN1090 Proper shipping name: Acetone **UN classfication** 

Subsidiary hazard class

Packing group

**Environmentally Hazardous** Not applicable

**Substance** 

# **Section 15: REGULATORY INFORMATION**

Japanese regulations

Category IV, Class I petroleums, dangerous grade 2 water-soluble Fire Service Act

Poisonous and Deleterious Deleterious Substances 3rd. Grade

**Substances Control Law** 

Industrial Safety and Health Act Harmful Substances Whose Names Are to be Indicated on the Label (Law Art.57,

Para.1. Enforcement Order Art.18)

Notifiable Substances (Law Art.57-2, Enforcement Oder Art.18-2 Attached Table

No.9)No.17

Class 2 Organic Solvents (Enforcement Order Attached Table No.6-2, Ordinance on

Prevention of Organic Solvent Poisoning Art.1, Para.1, Item 5)

Working Environment Evaluation Standards, Administrative Control Levels (Law

Art.65-2, Para.1)

Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1

Item 4)

Regulations for the carriage

and storage of dangerous

**Civil Aeronautics Law** 

goods in ship

Flammable Liquids (Ordinance Art.3, Ministry of Transportation Ordinance Regarding

Transport by Ship and Storage, Attached Table 1)

**Marine Pollution Prevention** Law

Flammable Liquids (Ordinance Art.194, MITL Nortification for Air Transportation of Explosives etc., Attached Table 1)

Enforcement ordinance Appendix No. 1 Noxious liquid substance Category Z

Pollutant Release and Transfer Not applicable

Register Law (2023.4.1-)

**Export Trade Control Order** 

Appendix 2 Export Approval Item

**Narcotics and Psychotropics** 

**Control Law** 

Chemical Name	Poisonous and Deleterious Substances Control Law	Industrial Safety and Health Act Substances (Law Art.57-2)	Pollutant Release and Transfer Register Law (2023.4.1-)
Acetone 67-64-1 ( <100 )	-	Applicable	-
Bendiocarb	Applicable	-	-

# **Section 16: OTHER INFORMATION**

Key literature references and sources for data etc.

NITE: National Institute of Technology and Evaluation (JAPAN)

http://www.safe.nite.go.jp/japan/db.html IATA dangerous Goods Regulations

RTECS:Registry of Toxic Effects of Chemical Substances
Japan Industrial Safety and Health Association GHS Model SDS

Dictionary of Synthetic Oraganic Chemistry , SSOCJ, Koudansha Scientific Co.Ltd.

Chemical Dictionary, Kyouritsu Publishing Co., Ltd.

etc

Record of SDS revisions

The following contents were revised. Prodauct and company Identification. Fire fighting measures. Exposure controls/personal protection. Stability and reactivity. Toxicological

information. Ecological information. Regulatory information.

#### **Disclaimer**

This SDS is according to JIS Z 7253: 2019. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GHS Classification is according to JIS Z 7252:2019. \*JIS: Japanese Industrial Standards

**End of Safety Data Sheet**