

SAFETY DATA SHEET

According to JIS Z 7253:2019
Revision date 26-Feb-2024
 Revision Number 3.08

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Iron(III) Tris(2-Ethylhexanoate), Mineral Spirit Solution (Fe:6%)
Product Code	096-03046

Supplier	FUJIFILM Wako Pure Chemical Corporation 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	For research use only
Restrictions on use	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 3

Skin corrosion/irritation

Category 1

Serious eye damage/eye irritation

Category 2A

Carcinogenicity

Category 2

Reproductive Toxicity

Category 1B

Specific target organ toxicity (single exposure)

Category 1, Category 2, Category 3

Category 1 central nervous system, respiratory system, liver, kidneys

Category 2 respiratory system

Category 3 Respiratory irritation, Narcotic effects

Specific target organ toxicity (repeated exposure)

Category 1, Category 2

Category 1 central nervous system, respiratory system, liver, kidneys

Category 2 liver, testes

Aspiration hazard

Category 1

Acute aquatic toxicity

Category 1

Chronic aquatic toxicity

Category 1

Pictograms



Signal word

Danger

Hazard statements

- H226 - Flammable liquid and vapour
- H314 - Causes severe skin burns and eye damage
- H319 - Causes serious eye irritation
- H351 - Suspected of causing cancer
- H360 - May damage fertility or the unborn child
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness

- H304 - May be fatal if swallowed and enters airways
 H410 - Very toxic to aquatic life with long lasting effects
 H400 - Very toxic to aquatic life
 H370 - Causes damage to the following organs: central nervous system, respiratory system, liver, kidneys
 H371 - May cause damage to the following organs: respiratory system
 H372 - Causes damage to the following organs through prolonged or repeated exposure: central nervous system, respiratory system, liver, kidneys
 H373 - May cause damage to the following organs through prolonged or repeated exposure: liver, testes

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
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Avoid release to the environment
- 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)

- Immediately call a POISON CENTER or doctor/physician
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Wash contaminated clothing before reuse
- 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
- Call a POISON CENTER or doctor/physician if you feel unwell
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- Rinse mouth
- Do NOT induce vomiting
- In case of fire: Use suitable extinguishing media for extinction
- Collect spillage

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
Iron(III) 2-ethylhexanoate	5.7 - 6.3 (as Fe)	485.45	(2)-625	*	7321-53-1
Mineral Spirit	31.1-36.9	N/A	N/A	*	8052-41-3
2-Ethylhexanoic acid	3-9.99	144.21	(2)-608	*	149-57-5
1,2,4-Trimethylbenzene	3.43-4.06	120.19	(3)-7,(3)-3427	*	95-63-6
Xylene	1.91-2.26	106.17	(3)-3,(3)-60	*	1330-20-7
Mesitylene	1.15-1.36	120.19	(3)-7,(3)-3427	*	108-67-8

Ethylbenzene	0.31-0.37	106.17	(3)-28,(3)-60	*	100-41-4
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Note on ISHL No.: * in the table means announced chemical substances.

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 contaminant and methods and materials for cleaning up

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

Recovery, 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. 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**

Store away from sunlight in well-ventilated place at room temperature (preferably cool).
Keep container tightly closed.

Safe packaging material

Glass

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 hand- and eye-wash facility. And display their position clearly.

Exposure limits

Chemical Name	JSOH (Japan)	ISHL (Japan)	ACGIH
Iron(III) 2-ethylhexanoate 7321-53-1	N/A	N/A	TWA: 1 mg/m ³ Fe
Mineral Spirit 8052-41-3	N/A	N/A	TWA: 100 ppm
2-Ethylhexanoic acid 149-57-5	N/A	N/A	TWA: 5 mg/m ³ inhalable fraction and vapor
1,2,4-Trimethylbenzene 95-63-6	TWA: 25 ppm OEL TWA: 120 mg/m ³ OEL	N/A	TWA: 10 ppm
Xylene 1330-20-7	TWA: 50 ppm OEL TWA: 217 mg/m ³ OEL ISHL/ACL: 50 ppm	ISHL/ACL: 50 ppm	TWA: 20 ppm
Mesitylene 108-67-8	TWA: 25 ppm OEL TWA: 120 mg/m ³ OEL	N/A	TWA 25ppm
Ethylbenzene 100-41-4	TWA: 87 mg/m ³ OEL TWA: 20 ppm OEL Skin ISHL/ACL: 20 ppm	ISHL/ACL: 20 ppm	TWA: 20 ppm

Chemical Name	Concentration standard value set by the Minister of Health, Labor and Welfare (8hr)	Concentration standard value set by the Minister of Health, Labor and Welfare (Short-Term)
2-Ethylhexanoic acid 149-57-5	5 mg/m ³	N/A

Personal protective equipment**Respiratory protection**

gas mask for organic gas (JIS T 8152)

Hand protection

chemical protective gloves (JIS T 8116)

Eye protection

protective eyeglasses or chemical safety goggles (JIS T 8147)

Skin and body protection

Long-sleeved work clothes

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.
If this product is classified as "Chemical Substances Hazardous to Skin, etc.", use appropriate protective equipment to them.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	
Color	dark brown - dark reddish brown
Appearance	liquid
Odor	no data available
Melting point/freezing point	no data available
Boiling point, initial boiling point and boiling range	no data available
Flammability	Flammable liquid and vapor
Evaporation rate:	no data available
Flammability (solid, gas):	no data available
Upper/lower flammability or explosive limits	
Upper:	no data available
Lower:	no data available
Flash point	41 °C
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
pH	no data available
Viscosity (coefficient of viscosity)	no data available
Dynamic viscosity	no data available
Solubilities	toluene , hexane , Alcohols : soluble . water : practically insoluble,or insoluble .
n-Octanol/water partition coefficient:(log Pow)	no data available
Vapour pressure	no data available
Specific Gravity / Relative density	0.942
Vapour density	no data available
Particle characteristics	no data available

Section 10: STABILITY AND REACTIVITY

Stability

Reactivity	no data available
Chemical stability	Stable under recommended storage conditions.
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 monoxide (CO), Carbon dioxide (CO ₂), Metal oxides

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Ethylhexanoic acid	2043 mg/kg (Rat)	1140 mg/kg (Rabbit)	N/A
1,2,4-Trimethylbenzene	3280 mg/kg (Rat)	N/A	18 mg/L (Rat) 4 h
Xylene	3500 - 8800 mg/kg (Rat)	1700 mg/kg (Rabbit)	6350 - 6700 ppm (Rat) 4 h
Mesitylene	5000 mg/kg (Rat)	N/A	24 mg/L (Rat) 4 h
Ethylbenzene	3500 - 4700 mg/kg (Rat)	15400 mg/kg (Rabbit)	4000 ppm (Rat) 4 h

Chemical Name	Acute toxicity -oral- source information	Acute toxicity -dermal- source information	Acute toxicity -inhalation gas- source information
Mineral Spirit	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.

Chemical Name	Acute toxicity -inhalation vapor- source information	Acute toxicity -inhalation dust- source information	Acute toxicity -inhalation mist- source information
Mineral Spirit	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.

Skin irritation/corrosion

Chemical Name	Skin corrosion/irritation source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

Serious eye damage/ irritation

Chemical Name	Serious eye damage/irritation source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

Respiratory or skin sensitization

Chemical Name	Respiratory or Skin sensitization source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

Reproductive cell mutagenicity

Chemical Name	germ cell mutagenicity source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.

Ethylbenzene	Based on the NITE GHS classification results.
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Carcinogenicity

Chemical Name	Carcinogenicity source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

Chemical Name	NTP	IARC	ACGIH	JSOH (Japan)
Xylene 1330-20-7	-	Group 3	-	-
Ethylbenzene 100-41-4	-	Group 2B	A3	Group 2B

Reproductive toxicity

Chemical Name	Reproductive toxicity source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

STOT-single exposure

Chemical Name	STOT -single exposure- source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

STOT-repeated exposure

Chemical Name	STOT -repeated exposure- source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

Aspiration hazard

Chemical Name	Aspiration Hazard source information
Mineral Spirit	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Mineral Spirit	N/A	N/A	LC50 : <i>Daphnia magna</i> 0.42 - 2.3 mg/L
2-Ethylhexanoic acid	EC50: <i>Desmodesmus</i>	LC50: <i>Pimephales promelas</i>	EC50: <i>Daphnia magna</i>

	<i>subspicatus</i> 41 mg/L 96 h <i>EC50:Desmodesmus subspicatus</i> 61 mg/L 72 h	70 mg/L 96 h	85.4 mg/L 48 h
1,2,4-Trimethylbenzene	N/A	LC50 : <i>Pimephales promelas</i> 7.72 mg/L 96 h	EC50 : <i>Daphnia magna</i> 6.14 mg/L 48 h
Xylene	N/A	LC50 : <i>Oncorhynchus mykiss</i> 3.3 mg/L	N/A
Mesitylene	N/A	LC50 : <i>Carassius auratus</i> 12.5 mg/L 96 h	LC50: <i>Daphnia magna</i> 6 mg/L 48 h
Ethylbenzene	N/A	LC50 : <i>Morone saxatilis</i> 3.7 mg/L 96 h	LC50 : <i>Crangon crangon</i> 0.42 mg/L 96 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
Mineral Spirit	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
2-Ethylhexanoic acid	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
1,2,4-Trimethylbenzene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Xylene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Mesitylene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.
Ethylbenzene	Based on the NITE GHS classification results.	Based on the NITE GHS classification results.

Persistence and degradability	No information available
Bioaccumulative potential	No information available
Mobility in soil	No information available
Hazard to the ozone layer	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	UN2924
Proper shipping name:	Flammable liquid, corrosive, n.o.s. (1,2,4-Trimethylbenzene, 2-Ethylhexanoic acid solution)
UN classification	3
Subsidiary hazard class	8
Packing group	III
Marine pollutant	Yes

IMDG

UN number	UN2924
Proper shipping name:	Flammable liquid, corrosive, n.o.s. (1,2,4-Trimethylbenzene, 2-Ethylhexanoic acid solution)
UN classification	3
Subsidiary hazard class	8

Packing group	III
Marine pollutant (Sea)	Yes
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available
IATA	
UN number	UN2924
Proper shipping name:	Flammable liquid, corrosive, n.o.s. (1,2,4-Trimethylbenzene, 2-Ethylhexanoic acid solution)
UN classification	3
Subsidiary hazard class	8
Packing group	III
Environmentally Hazardous Substance	Yes

Section 15: REGULATORY INFORMATION

Japanese regulations

Fire Service Act	Category IV, Class II petroleum, dangerous grade 3
Poisonous and Deleterious Substances Control Law	Not applicable
Industrial Safety and Health Act	Harmful Substances Whose Names Are to be Indicated on the Label (Law Art.57) Notifiable Substances (Law Art.57-2) Class 3 Organic Solvents (Enforcement Order Attached Table No.6-2, Ordinance on Prevention of Organic Solvent Poisoning Art.1, Para.1, Item 5) Dangerous Substances - Flammable Substance (Enforcement Order Attached Table 1 Item 4)
Industrial Safety and Health Act (2024~)	【2024.4.1~】 Chemical Substances Hazardous to Skin, etc.(Regulations Article 594-2 Paragraph 1)
Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc	Priority Assessment Chemical Substances (Law Article 2, Para.5)
Regulations for the carriage and storage of dangerous goods in ship	Flammable Liquids (Ordinance Art.3, Ministry of Transportation Ordinance Regarding Transport by Ship and Storage, Attached Table 1)
Civil Aeronautics Law	Flammable Liquids (Ordinance Art.194, MITL Notification for Air Transportation of Explosives etc., Attached Table 1)
Marine Pollution Prevention Law	Enforcement ordinance Appendix No. 1 Noxious liquid substance Category Y
Pollutant Release and Transfer Register Law (2023.4.1-)	Class 1
Class 1 - No.	80,691
Water Pollution Control Act	Specified substances(Law Art.2 Para.4, Enforcement Order Art.3-3)
Export Trade Control Order	Not applicable
Air Pollution Control Law	Hazardous Air Pollutants

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-)
Mineral Spirit 8052-41-3 (31.1-36.9)	-	Applicable	-
2-Ethylhexanoic acid 149-57-5 (3-9.99)	-	Applicable	-
1,2,4-Trimethylbenzene 95-63-6 (3.43-4.06)	-	Applicable	Applicable
Xylene 1330-20-7 (1.91-2.26)	-	Applicable	Applicable

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-)
Mesitylene 108-67-8 (1.15-1.36)	-	Applicable	Applicable
Ethylbenzene 100-41-4 (0.31-0.37)	-	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 Organic Chemistry , SSOCJ, Koudansha Scientific Co.Ltd.
 Chemical Dictionary, Kyouritsu Publishing Co., Ltd.
 etc

Record of SDS revisions Disclaimer

The following contents were revised. Regulatory information.

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