

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

SECTION 1. IDENTIFICATION

Product name : METALSTAR PANTONE 07-2877 SILVER US
 Product code : 045645D00

Manufacturer or supplier's details

Company name of supplier : ECKART America Corporation
 Address : 830 East Erie Street
 Painesville OH 44077
 Telephone : 866-458-7837
 (440) 954-7600
 Telefax : (440) 354-6224
 e-mail adresse : info.eckart.america.oh@altana.com
 Emergency telephone : **CHEMTREC:** 800-424-9300
CHEMTREC: 1-703-527-3387 (International)

NCEC:

(contract no. ECKART29003-NCEC)
 US: +1 866 928 0789 (Toll free)
 Canada: +1 800 579 7421 (Toll Free)
 Mexico: +52 55 5004 8763

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization : Category 1
 Reproductive toxicity : Category 2

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H317 May cause an allergic skin reaction.
 H361d Suspected of damaging the unborn child.

Precautionary Statements :

Prevention:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

been read and understood.
 P261 Avoid breathing mist or vapors.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P308 + P313 IF exposed or concerned: Get medical advice/ attention.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous ingredients which must be listed on the label:

Rosin, maleated, polymer with pentaerythritol

9-Octadecenoic acid (9Z)-, cobalt salt (1:?)

Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Aluminum	7429-90-5	>= 10 - < 20
White mineral oil (petroleum)	8042-47-5	>= 10 - < 20
Rosin, maleated, polymer with pentaerythritol	68333-69-7	>= 5 - < 10
Distillates (petroleum), acid-treated middle	64742-13-8	>= 1 - < 5
9-Octadecenoic acid (9Z)-, cobalt salt (1:?)	14666-94-5	>= 1 - < 5
Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester	6846-50-0	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

protective equipment and emergency procedures	:	Use personal protective equipment.
General advice	:	The product should not be allowed to enter drains, water courses or the soil. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Environmental precautions	:	The product should not be allowed to enter drains, water courses or the soil. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Use mechanical handling equipment. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Do not flush with water. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Conditions for safe storage	:	Earthing of containers and apparatuses is essential. Reaction with water liberates extremely flammable gas (hydrogen)

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

Take measures to prevent the build up of electrostatic charge.
 Use explosion-proof equipment.
 Store in original container.
 Keep containers tightly closed in a cool, well-ventilated place.
 Keep away from sources of ignition - No smoking.
 Keep container closed when not in use.
 Keep container tightly closed in a dry and well-ventilated place.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 Observe label precautions.
 Electrical installations / working materials must comply with the technological safety standards.

- Technical measures/Precautions : Protect from humidity and water.
- Materials to avoid : Do not store near acids.
 Do not store together with oxidizing and self-igniting products.
 Never allow product to get in contact with water during storage.
 Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Aluminum	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-3
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (respirable fraction)	5 mg/m3	OSHA Z-3
		TWA (respirable fraction)	15 Million particles per cubic foot	OSHA Z-3

SAFETY DATA SHEET



METALSTAR PANTONE 07-2877 SILVER US

Version 2.4 Revision Date: 04/23/2025 SDS Number: 102000026753 Date of last issue: 04/03/2025
 Date of first issue: 03/26/2018

		TWA (Respirable particulate matter)	1 mg/m3	ACGIH
		TWA	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (Total)	15 mg/m3 (Aluminum)	OSHA P0
		TWA (Respirable fraction)	5 mg/m3 (Aluminum)	OSHA P0
		TWA (total dust)	15 mg/m3 (Aluminum)	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3 (Aluminum)	OSHA Z-1
		TWA (Total dust)	15 mg/m3 (Aluminum)	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3 (Aluminum)	OSHA P0
		TWA (welding fumes)	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (pyro powders)	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (Respirable particulate matter)	1 mg/m3 (Aluminum)	ACGIH
		TWA (Fumes)	5 mg/m3	OSHA P0
		TWA (powder)	5 mg/m3 (Aluminum)	OSHA P0
White mineral oil (petroleum)	8042-47-5	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
White mineral oil (petroleum)	8042-47-5	TWA	5 mg/m3	OSHA P0
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
		TWA (Mist)	5 mg/m3	OSHA Z-1

METALSTAR PANTONE 07-2877 SILVER US

Version 2.4 Revision Date: 04/23/2025 SDS Number: 102000026753 Date of last issue: 04/03/2025
 Date of first issue: 03/26/2018

		TWA (Mist)	5 mg/m ³	OSHA P0
		TWA (Mist)	5 mg/m ³	NIOSH REL
		ST (Mist)	10 mg/m ³	NIOSH REL

Personal protective equipment

- Respiratory protection : Use suitable breathing protection if workplace concentration requires.
 In the case of vapor formation use a respirator with an approved filter.
- Hand protection
 Material : Solvent-resistant gloves (butyl-rubber)
- Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). The exact break through time can be obtained from the protective glove producer and this has to be observed. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection Skin should be washed after contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Goggles
 Safety glasses
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.
 When using do not smoke.
 Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
 Color : silver
 Odor : characteristic
 Odor Threshold : No data available
 pH : substance/mixture is non-soluble (in water)
 Melting point/freezing point : No data available
 Boiling point/boiling range : > 100 °C

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

Flash point	:	> 100 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No data available
Relative density	:	No data available
Density	:	1.0 g/cm ³
Solubility(ies)	:	
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, kinematic	:	> 21 mm ² /s (40 °C)
Total Volatile organic compounds (VOC) content	:	10.00 - 20.00 %

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Contact with acids and alkalis may release hydrogen. Stable under recommended storage conditions.
Conditions to avoid	:	Do not allow evaporation to dryness. No data available
Incompatible materials	:	Acids Bases Oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified due to lack of data.

Skin corrosion/irritation

Not classified due to lack of data.

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

Components:**Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester:**

Species: Rabbit
Exposure time: 4 h
Method: OECD Test Guideline 404
Result: No skin irritation

Serious eye damage/eye irritation

Not classified due to lack of data.

Components:**Rosin, maleated, polymer with pentaerythritol:**

Result: Eye irritation

Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester:

Species: Rabbit
Result: No eye irritation
Exposure time: 72 h
Method: OECD Test Guideline 405

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified due to lack of data.

Components:**Rosin, maleated, polymer with pentaerythritol:**

Result: May cause sensitization by skin contact.

9-Octadecenoic acid (9Z)-, cobalt salt (1:?):

Result: May cause sensitization by skin contact.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

METALSTAR PANTONE 07-2877 SILVER US

Version 2.4 Revision Date: 04/23/2025 SDS Number: 102000026753 Date of last issue: 04/03/2025
Date of first issue: 03/26/2018

Components:**Distillates (petroleum), acid-treated middle:**

Carcinogenicity - Assessment : Classified based on the conditions cited in Nota N (Regulation (EC) 1272/2008, Annex VI, Part 3, Note N)

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Suspected of damaging the unborn child.

Components:**Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester:**

Reproductive toxicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.

STOT-single exposure

Not classified due to lack of data.

STOT-repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

Components:**White mineral oil (petroleum):**

May be fatal if swallowed and enters airways.

Distillates (petroleum), acid-treated middle:

May be fatal if swallowed and enters airways.

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

Further information

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Rosin, maleated, polymer with pentaerythritol:****Ecotoxicology Assessment**

Chronic aquatic toxicity : May cause long lasting harmful effects to aquatic life.

Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester:

Toxicity to daphnia and other aquatic invertebrates : (Daphnia): 2.46 mg/l

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION**Domestic regulation**

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

49 CFR

Not regulated as a dangerous good

49 CFR

: Not classified as dangerous in the meaning of transport regulations.

International Regulations**UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Remarks

: Not classified as dangerous in the meaning of transport regulations.

ADR

: Not classified as dangerous in the meaning of transport regulations.

IATA-DGR

: Not classified as dangerous in the meaning of transport regulations.

IMDG-Code

: Not classified as dangerous in the meaning of transport regulations.

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION
EPCRA - Emergency Planning and Community Right-to-Know**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards

: Respiratory or skin sensitization

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

Reproductive toxicity

SARA 313

: The following components are subject to reporting levels established by SARA Title III, Section 313:

Aluminum	7429-90-5	>= 10 - < 20 %
9-Octadecenoic acid (9Z)-, cobalt salt (1:?)	14666-94-5	>= 1 - < 5 %

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

9-Octadecenoic acid	14666-94-5	%
(9Z)-, cobalt salt (1:?)		

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

White mineral oil (petroleum)	8042-47-5	>= 5 - < 10 %
White mineral oil (petroleum)	8042-47-5	>= 5 - < 10 %
Distillates (petroleum), acid-treated middle	64742-13-8	>= 1 - < 5 %

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations**Massachusetts Right To Know**

Aluminum	7429-90-5
White mineral oil (petroleum)	8042-47-5
White mineral oil (petroleum)	8042-47-5

Pennsylvania Right To Know

Aluminum	7429-90-5
----------	-----------

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

Kein gefährlicher Stoff oder gefährliches Gemisch gemäß dem Global Harmonisierten System (GHS).	Not Assigned
Soybean oil	8001-22-7
Tung oil	8001-20-5
White mineral oil (petroleum)	8042-47-5
Rosin, maleated, polymer with pentaerythritol	68333-69-7
White mineral oil (petroleum)	8042-47-5
Rosin, maleated, polymer with p-tert-butylphenol, formaldehyde and pentaerythritol polyethylene wax dispersion	68082-96-2
	Not Assigned
Distillates (petroleum), steam-cracked, polymd.	68131-77-1
Linseed oil, polymer with isophthalic acid and pentaerythritol	67989-61-1
Soybean oil, polymer with glycerol and isophthalic acid	66070-91-5
Distillates (petroleum), acid-treated middle	64742-13-8

California Prop. 65

WARNING: This product can expose you to chemicals including lead and cadmium, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances

Aluminum	7429-90-5
White mineral oil (petroleum)	8042-47-5

California Permissible Exposure Limits for Chemical Contaminants

Aluminum	7429-90-5
White mineral oil (petroleum)	8042-47-5
White mineral oil (petroleum)	8042-47-5

The ingredients of this product are reported in the following inventories:

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

DSL : This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

DSL : This product contains one or several components listed in the Canadian NDSL.

TSCA : On TSCA Inventory

EINECS : On the inventory, or in compliance with the inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION
Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts

ACGIH / TWA : 8-hour, time-weighted average

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek

NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday

OSHA P0 / TWA : 8-hour time weighted average

OSHA Z-1 / TWA : 8-hour time weighted average

OSHA Z-3 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -

METALSTAR PANTONE 07-2877 SILVER US

Version	Revision Date:	SDS Number:	Date of last issue: 04/03/2025
2.4	04/23/2025	102000026753	Date of first issue: 03/26/2018

International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 04/23/2025

The information provided in this Material 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, use, processing, storage, transportation, disposal and release 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.

US / Z8