# SAFETY DATA SHEET



The information in this Safety Data Sheet is required pursuant to GHS UN rev. 7

Date of issue/Date of revision 26 November 2024 Version 3.05

# Section 1. Identification

Product code	: 00243305
Product name	: SIGMAGUARD CSF 650 BASE
Product type	: Liquid.
Other means of identification Not available.	
Relevant identified uses of the	e substance or mixture and uses advised against
Product use	Coating. Professional applications, Used by spraying.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.
Company/undertaking identification	: PPG Industries Sales, Inc. and PPG Coatings (Philippines), Inc. 3rd Floor First Life Center 174 Salcedo St., Legaspi Village Makati City 1229, Philippines Tel # 00632- 752-6773/ Fax # 00632-752-6771
Emergency telephone number	: CHEMTREC +(63) 2-395-3308 (CCN 17704)

# Section 2. Hazards identification

Classification of the substance or mixture	: ACUTE TOXICITY (oral) - Category 5 ACUTE TOXICITY (dermal) - Category 5 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
	SKIN SENSITIZATION - Category 1
	AQUATIC HAZARD (LONG-TERM) - Category 2
	Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 15.1%
	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 19.3%
	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 36.4%
GHS label elements	
Hazard pictograms	
Signal word	: Warning

# Section 2. Hazards identification

Hazard statements	:	May be harmful if swallowed or in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Wear protective gloves. Wear eye or face protection. Avoid release to the environment. Avoid breathing vapor. Wash hands thoroughly after handling. Do not touch eyes. Contaminated work clothing should not be allowed out of the workplace.
Response	:	Collect spillage. IF SWALLOWED: Get medical help. IF ON SKIN: Get medical help. Wash with plenty of water. If skin irritation or rash occurs: Get medical help. If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. 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 help.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not	:	None known.

result in classification

# Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

## CAS number/other identifiers

**CAS number** : Not applicable.

Ingredient name	%	CAS number
eaction product: bisphenol-A-(epichlorhydrin); epoxy resin	25 - <50	25068-38-6
1,6-bis(2,3-epoxypropoxy)hexane	5 - <10	16096-31-4
benzyl alcohol	5 - <10	100-51-6
Talc , not containing asbestiform fibres	3 - <5	14807-96-6

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

# Section 4. First aid measures

Description of necessary	<u>r first aid measures</u>
Eye contact	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</li> </ul>
Inhalation	<ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.</li> </ul>
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show this container or label.</li> <li>Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>

## Most important symptoms/effects, acute and delayed

# Section 4. First aid measures

Potential acute health effect	:ts	
Eye contact	:	Causes serious eye irritation.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	May be harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
Ingestion	:	May be harmful if swallowed.
Over-exposure signs/symp	ton	n <u>s</u>
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation		No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	1	No specific data.
Indication of immediate med	lica	l attention and special treatment needed, if necessary
Notes to physician	1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	1	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides halogenated compounds metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	<ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</li> </ul>

# Section 6. Accidental release measures

Personal precautions, protect	tive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
Methods and materials for co	ntainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

Precautions for safe handling	L	
Protective measures	-	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

## Control parameters

## **Occupational exposure limits**

Ingredient name		Exposure limits					
<b>M</b> anium dioxide		TLV (Philippines, 4/2016) TLV 8 hours: 15 mg/m <sup>3</sup> .					
Talc , not containing asbestife	orm fibres	<b>TLV (Philippines, 4/2016)</b> TLV 8 hours: 20 mppcf. Form: Dust.					
N,N'-ethane-1,2-diylbis(12-hy	droxyoctadecan-1-amide)	ACGIH TLV (United States) TWA: 10 mg/m³. Form: Total dust. TWA: 3 mg/m³. Form: Respirable.					
Recommended monitoring procedures		o appropriate monitoring standards. Reference to s for methods for the determination of hazardous red.					
Appropriate engineering controls	: Good general ventilation sho contaminants.	uld be sufficient to control worker exposure to airborne					
Environmental exposure controls	they comply with the requirer cases, fume scrubbers, filter	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.					
Individual protection measure	<u>es</u>						
Hygiene measures	eating, smoking and using th Appropriate techniques shou Contaminated work clothing	ace thoroughly after handling chemical products, before e lavatory and at the end of the working period. Id be used to remove potentially contaminated clothing. should not be allowed out of the workplace. Wash e reusing. Ensure that eyewash stations and safety kstation location.					
Eye/face protection	assessment indicates this is gases or dusts. If contact is unless the assessment indic	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.					
Skin protection	5 55						
Hand protection	be worn at all times when ha this is necessary. Considerin check during use that the glo should be noted that the time different for different glove m	us gloves complying with an approved standard should ndling chemical products if a risk assessment indicates ng the parameters specified by the glove manufacturer, oves are still retaining their protective properties. It to breakthrough for any glove material may be anufacturers. In the case of mixtures, consisting of ection time of the gloves cannot be accurately					
Gloves	: butyl rubber						
Body protection		nt for the body should be selected based on the task s involved and should be approved by a specialist					
Other skin protection		y additional skin protection measures should be eing performed and the risks involved and should be ore handling this product.					
Respiratory protection	: Based on the hazard and po appropriate standard or certi	tential for exposure, select a respirator that meets the fication. Respirators must be used according to a m to ensure proper fitting, training, and other important					
		Philippines Page: 5/12					

# Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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÷.								
-	>37.78°C (>100°F)	·37.78°C (>100°F)						
1	Not available.							
1	Not available.							
:	Closed cup: 100°C (	(212°F)						
:	Ingredient name		°C		°F		Method	
	benzyl alcohol		436		816.8			
÷	Not available.					l		
	Not applicable.							
:								
	Media	Re	sult					
÷	cold water Not soluble							
:	Not applicable.							
:		Vapor	oor Pressure at 20°C Vapor pressure at			ure at 50°C		
	Ingredient name	mm Hg	kPa	Meth	nod	mm Hg	kPa	Method
	1,6-bis (2,3-epoxypropoxy) hexane	0.067505535	0.009					
:	1.43							
:	Not available.							
:	Not applicable.							
		<ul> <li>Ingredient name benzyl alcohol</li> <li>Not available.</li> <li>Not applicable.</li> <li>Øynamic (room tem Kinematic (room tem Kinematic (40°C): &gt;2</li> <li>Media cold water</li> <li>Not applicable.</li> <li>Ingredient name         <ol> <li>1,6-bis (2,3-epoxypropoxy)</li> </ol> </li> </ul>	<ul> <li>Not available.</li> <li>Aromatic.</li> <li>Not available.</li> <li>Not available.</li> <li>&gt;37.78°C (&gt;100°F)</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Closed cup: 100°C (212°F)</li> <li>Ingredient name benzyl alcohol</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not applicable.</li> <li>Øynamic (room temperature): Kinematic (40°C): &gt;21 mm²/s</li> <li>Media Re cold water No</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Ingredient name nm Hg</li> <li>1,6-bis (2,3-epoxypropoxy) hexane</li> <li>1.43</li> </ul>	<ul> <li>Not available.</li> <li>Aromatic.</li> <li>Not available.</li> <li>Not available.</li> <li>&gt;37.78°C (&gt;100°F)</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Closed cup: 100°C (212°F)</li> <li>Ingredient name °C benzyl alcohol 436</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not applicable.</li> <li>Øynamic (room temperature): Not avai Kinematic (40°C): &gt;21 mm²/s</li> <li>Media Result cold water Not soluble</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Ingredient name Mr Hg kPa 1,6-bis (2,3-epoxypropoxy) hexane</li> <li>1.43</li> </ul>	<ul> <li>Not available.</li> <li>Aromatic.</li> <li>Not available.</li> <li>Not available.</li> <li>&gt;37.78°C (&gt;100°F)</li> <li>Not available.</li> <li>Not available.</li> <li>Closed cup: 100°C (212°F)</li> <li>Ingredient name °C benzyl alcohol 436</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not applicable.</li> <li>Øynamic (room temperature): Not available. Kinematic (40°C): &gt;21 mm²/s</li> <li>Media Result cold water Not soluble</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Ingredient name Not soluble</li> <li>Not applicable.</li> <li>Ingredient name Not soluble</li> <li>1.6-bis (2.3-epoxypropoxy) hexane</li> <li>1.43</li> </ul>	<ul> <li>Not available.</li> <li>Aromatic.</li> <li>Not available.</li> <li>Not available.</li> <li>&gt;37.78°C (&gt;100°F)</li> </ul> I Not available. Statistical Content in the state of the stat	<ul> <li>Not available.</li> <li>Aromatic.</li> <li>Not available.</li> <li>Not available.</li> <li>&gt;37.78°C (&gt;100°F)</li> <li>Not available.</li> <li>Not available.</li> <li>Closed cup: 100°C (212°F)</li> <li>Ingredient name °C °F // benzyl alcohol 436 816.8</li> <li>Not available.</li> <li>Not applicable.</li> <li>Media Result</li> <li>cold water Not soluble</li> <li>Not applicable.</li> <li>Not applicable.</li> <li>Ingredient name mm Hg kPa Method mm Hg</li> <li>1.6-bis (2.3-epoxypropoxy) 0.067505535 0.009 // log // l</li></ul>	<ul> <li>Not available.</li> <li>Aromatic.</li> <li>Not available.</li> <li>Not available.</li> <li>&gt;37.78°C (&gt;100°F)</li> </ul> Ingredient name °C °F Method benzyl alcohol 436 816.8 Ingredient name °C °F Method 1436 816.8 Not available. Not applicable. Media Result cold water Not soluble Not applicable. Ingredient name mm Hg kPa Method mm kPa Hg Method mm kPa 1.6-bis (2.3-epoxypropoxy) hexane 1.43

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.

# Section 10. Stability and reactivity

Conditions to avoid	:	When exposed to high temperatures may produce hazardous decomposition products.
Incompatible materials	:	Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
Hazardous decomposition products Hazardous polymerization		Depending on conditions, decomposition products may include the following materials: carbon oxides halogenated compounds metal oxide/oxides Under normal conditions of storage and use, hazardous polymerization will not occur.

# Section 11. Toxicological information

## Information on toxicological effects

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
reaction product: bisphenol- A-(epichlorhydrin); epoxy resin	LD50 Dermal	Rabbit	>2 g/kg	-
benzyl alcohol	LD50 Oral LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral	Rat Rat Rabbit Rat	>2 g/kg >5 mg/l >2000 mg/kg 1200 mg/kg	- 4 hours - -
Conclusion/Summary	: There are no data available on	the mixture i	tself.	

## Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
A-(epichlorhydrin); epoxy	Eyes - Mild irritant	Rabbit	-	100 mg	-
resin	Eyes - Moderate irritant	Rabbit			
	Skin - Moderate irritant	Rabbit	-	-	-
			-	-	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				UI	
	Skin - Severe irritant	Rabbit	-	24 hours 2	-
				mg	

## **Conclusion/Summary**

Skin	1	There are no	data	available	on the	mixture	itself.
		There are no	uala	available		mixture	itsen.

Eyes

: There are no data available on the mixture itself.

## Respiratory

: There are no data available on the mixture itself.

## Sensitization

Product/ingredient name	Route of exposure	Species	Result
reaction product: bisphenol- A-(epichlorhydrin); epoxy resin	skin	Mouse	Sensitizing
Conclusion/Summary			

### Conclusion/Summary

: There are no data available on the mixture itself.

# Respiratory

Skin

: There are no data available on the mixture itself.

## Mutagenicity

# Section 11. Toxicological information

	-	
Conclusion/Summary	: There are no data available on the mixture itself.	
<b>Carcinogenicity</b>		
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.	
Reproductive toxicity		
Conclusion/Summary	: There are no data available on the mixture itself.	
Teratogenicity		
Conclusion/Summary	: There are no data available on the mixture itself.	
Specific target organ toxi	city (single exposure)	
		Τ

Name		Route of exposure	Target organs
Talc , not containing asbestiform fibres	Category 3	-	Respiratory tract irritation

## Specific target organ toxicity (repeated exposure)

Not available.

## **Aspiration hazard**

Name	Result
benzyl alcohol	ASPIRATION HAZARD - Category 2

Information on the likely routes of exposure	: Not available.
Potential acute health effects	
Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May be harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: May be harmful if swallowed.
	sical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
Delayed and immediate effect	ts and also chronic effects from short and long term exposure
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	

# Section 11. Toxicological information

Potential immediate effects	lot available.	
Potential delayed effects	ot available.	
Potential chronic health eff		
Not available.		
General	Once sensitized, a severe allergic reaction may occur when subsequently exposed overy low levels.	ł
Carcinogenicity	lo known significant effects or critical hazards.	
Mutagenicity	lo known significant effects or critical hazards.	
Reproductive toxicity	lo known significant effects or critical hazards.	

## Numerical measures of toxicity

### Acute toxicity estimates

Route	ATE value
	3332.68 mg/kg
Dermal	3740.32 mg/kg

#### Other information

Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death.

## Section 12. Ecological information

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#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Peaction product: bisphenol- A-(epichlorhydrin); epoxy resin	Chronic NOEC 0.3 mg/l	Daphnia	21 days

#### Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
A-(epichlorhydrin); epoxy resin	OECD 301F	5 % - 28 days		-		-
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	<b>Jradability</b>
A-(epichlorhydrin); epoxy resin benzyl alcohol	-		-		Not rea	

**Bioaccumulative potential** 

Section 12. Ecological information	
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Product/ingredient name	LogPow	BCF	Potential
Peaction product: bisphenol- A-(epichlorhydrin); epoxy resin	2.64 to 3.78	31	Low
1,6-bis(2,3-epoxypropoxy) hexane	0.822	-	Low
benzyl alcohol	0.87	-	Low

### **Mobility in soil**

Soil/water partition	: Not available.
coefficient (Koc)	

Other adverse effects

: No known significant effects or critical hazards.

# Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	UN	IMDG	IATA
UN number	UN3082	UN3082	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	(epichlorhydrin); epoxy resin)	(epichlorhydrin); epoxy resin)	✓reaction product: bisphenol- A-(epichlorhydrin); epoxy resin)
Transport hazard class(es)	9	9	9
Packing group	III	III	III
Environmental hazards	Yes.	Yes.	Yes.
Marine pollutant substances	Not applicable.	(epichlorhydrin); epoxy resin)	Not applicable.

### Additional information

UN

: This product is not regulated as a dangerous good when transported in sizes of  $\leq 5$  L or  $\leq 5$  kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

## Section 14. Transport information

IMDG : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
 IATA : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Transport in bulk according : Not applicable. to IMO instruments

# Section 15. Regulatory information

## International regulations

Montreal Protocol

Not listed.

## Stockholm Convention on Persistent Organic Pollutants

Not listed.

# Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 26 November 2024
Date of previous issue	: 7/16/2024
Version	: 3.05
Prepared by	: EHS
key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations</li> </ul>

## Procedure used to derive the classification

Classification	Justification
ACUTE TOXICITY (oral) - Category 5	Calculation method
ACUTE TOXICITY (dermal) - Category 5	Calculation method
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
AQUATIC HAZARD (LONG-TERM) - Category 2	Calculation method

Indicates information that has changed from previously issued version.

Notice to reader

**Special precautions for user** :**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

# Section 16. Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.