# SAFETY DATA SHEET

SC2206000

# **Section 1. Identification**

Product name : EL™2206 ELECTRO WIZARD™ Electronic Contact Cleaner Aerosol

Product code : SC2206000
Other means of : Not available.

identification

Product type : Aerosol.

Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

Manufacturer : Sprayon Products Group

101 W. Prospect Avenue, Cleveland, Ohio 44115

Emergency telephone number of the company

: US / Canada: (800) 424-9300

Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Product Information Telephone Number

: US / Canada: (800) 247-3266

Mexico: Not Available

**Transportation Emergency** 

**Telephone Number** 

: US / Canada: (800) 424-9300

Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

# Section 2. Hazards identification

**OSHA/HCS** status

: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

: Not classified.

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 52.6% (oral), 52.6% (dermal), 5.1% (inhalation)

**GHS label elements** 

Signal word : No signal word.

**Hazard statements**: No known significant effects or critical hazards.

**Precautionary statements** 

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Supplemental label

elements

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which

can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. FOR

INDUSTRIAL USE ONLY.

This product contains a TSCA regulated chemical. See Section 15 of the US SDS for

details.

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# Section 2. Hazards identification

Please refer to the SDS for additional information. Keep out of reach of children. Keep upright in a cool, dry place. Do not discard empty can in trash compactor.

Hazards not otherwise

classified

: None known.

# Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of : Not available.

identification

#### **CAS** number/other identifiers

Ingredient name	% by weight	CAS number
1,1,1,2-Tetrafluoroethane	≥25 - ≤50	811-97-2
Decafluoropentane	≥25 - ≤50	138495-42-8
Pentafluoropropane	≤5	460-73-1
2-Propanol	≤3	67-63-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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

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

# Section 4. First aid measures

### **Description of necessary first aid measures**

**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Get medical attention if irritation

occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get

medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and

shoes. Get medical attention if symptoms occur.

**Ingestion**: Wash out mouth with water. If material has been swallowed and the exposed person is

conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

# Most important symptoms/effects, acute and delayed

# Potential acute health effects

Eye contact
 Inhalation
 No known significant effects or critical hazards.
 Skin contact
 No known significant effects or critical hazards.
 Ingestion
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact**: Adverse symptoms may include the following:

irritation redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

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# Section 4. First aid measures

### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Specific treatments**: No specific treatment.

**Protection of first-aiders**: No action shall be taken involving any personal risk or without suitable training.

# 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. Bursting aerosol containers may be propelled from a fire at high speed.

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide

halogenated compounds

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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

# Personal precautions, protective 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. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. 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**

: This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

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).

#### Methods and materials for containment and cleaning up

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# Section 6. Accidental release measures

### **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. 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. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

# **Precautions for safe handling**

**Protective measures** 

: Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Avoid breathing gas. Avoid breathing vapor or mist.

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.

including any incompatibilities

Conditions for safe storage, : Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. 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 (OSHA United States)

Ingredient name	CAS#	Exposure limits
1,1,1,2-Tetrafluoroethane	811-97-2	OARS WEEL (United States, 4/2022).  TWA: 1000 ppm 8 hours.  OSHA PEL Z2 (United States, 2/2013).  [Fluoride as dust]  TWA: 2.5 mg/m³ 8 hours. Form: Dust  ACGIH TLV (United States, 1/2023).  [Fluorides as F]  TWA: 2.5 mg/m³, (as F) 8 hours.  OSHA PEL (United States, 5/2018).  [Fluorides (as F)]  TWA: 2.5 mg/m³, (as F) 8 hours.
Decafluoropentane	138495-42-8	OARS WEEL (United States, 4/2022).  STEL: 7217 mg/m³ 15 minutes.  STEL: 700 ppm 15 minutes.  TWA: 2320 mg/m³ 8 hours.  TWA: 225 ppm 8 hours.
Pentafluoropropane	460-73-1	OARS WEEL (United States, 4/2022). TWA: 300 ppm 8 hours. ACGIH TLV (United States, 1/2023). [Fluorides as F] TWA: 2.5 mg/m³, (as F) 8 hours. OSHA PEL (United States, 5/2018).

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# Section 8. Exposure controls/personal protection

[Fluorides (as F)] TWA: 2.5 mg/m³, (as F) 8 hours. OSHA PEL Z2 (United States, 2/2013). [Fluoride as dust] TWA: 2.5 mg/m³ 8 hours. Form: Dust ACGIH TLV (United States, 1/2023). TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes. NIOSH REL (United States, 10/2020). TWA: 400 ppm 10 hours. TWA: 980 mg/m³ 10 hours. STEL: 1225 mg/m³ 15 minutes. OSHA PEL (United States, 5/2018). TWA: 400 ppm 8 hours.			
1, a 55 mg/m 5 ms	2-Propanol	67-63-0	TWA: 2.5 mg/m³, (as F) 8 hours.  OSHA PEL Z2 (United States, 2/2013).  [Fluoride as dust]  TWA: 2.5 mg/m³ 8 hours. Form: Dust  ACGIH TLV (United States, 1/2023).  TWA: 200 ppm 8 hours.  STEL: 400 ppm 15 minutes.  NIOSH REL (United States, 10/2020).  TWA: 400 ppm 10 hours.  TWA: 980 mg/m³ 10 hours.  STEL: 500 ppm 15 minutes.  STEL: 1225 mg/m³ 15 minutes.  OSHA PEL (United States, 5/2018).

# Occupational exposure limits (Canada)

Ingredient name	CAS#	Exposure limits
Isopropyl alcohol	67-63-0	CA Alberta Provincial (Canada, 6/2018).  15 min OEL: 984 mg/m³ 15 minutes.  8 hrs OEL: 200 ppm 8 hours.  15 min OEL: 490 ppm 15 minutes.  8 hrs OEL: 492 mg/m³ 8 hours.  CA British Columbia Provincial (Canada, 6/2022).  TWA: 200 ppm 8 hours.  STEL: 400 ppm 15 minutes.  CA Ontario Provincial (Canada, 6/2019).  TWA: 200 ppm 8 hours.  STEL: 400 ppm 15 minutes.  CA Quebec Provincial (Canada, 6/2022).  TWAEV: 200 ppm 8 hours.  STEV: 400 ppm 15 minutes.  CA Saskatchewan Provincial (Canada, 7/2013).  STEL: 400 ppm 15 minutes.  TWA: 200 ppm 8 hours.

# Occupational exposure limits (Mexico)

	CAS#	Exposure limits
2-Propanol	67-63-0	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes.

# **Biological exposure indices (United States)**

Ingredient name	Exposure indices
1,1,1,2-Tetrafluoroethane	ACGIH BEI (United States, 1/2023) [fluorides] BEI: 2 mg/l, fluoride [in urine]. Sampling time: prior to shift. BEI: 3 mg/l, fluoride [in urine]. Sampling time: end of shift.
Pentafluoropropane	ACGIH BEI (United States, 1/2023)

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# Section 8. Exposure controls/personal protection

	processia.
	<b>[fluorides]</b> BEI: 2 mg/l, fluoride [in urine]. Sampling time: prior to shift. BEI: 3 mg/l, fluoride [in urine]. Sampling time: end of shift.
2-Propanol	ACGIH BEI (United States, 1/2023) BEI: 40 mg/l, acetone [in urine]. Sampling time: end of shift at end of workweek.

### Biological exposure indices (Canada)

No exposure indices known.

### **Biological exposure indices (Mexico)**

Ingredient name	Exposure indices
2-Propanol	Official Mexican STANDARD NOM- 047-SSA1-2011, Environmental Health- Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) BEI: 40 mg/L [non-specific. The determinant is nonspecific, since it can be found after exposure to other chemicals.], acetone [in urine]. Sampling time: at the end of the shift at the end of the work week.

# Appropriate engineering controls

: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory

## **Environmental exposure** controls

: This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

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 measures**

**Hygiene measures** 

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

# Eye/face protection

: 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: safety glasses with sideshields.

#### **Skin protection**

**Hand protection** 

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

#### **Body protection**

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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# Section 8. Exposure controls/personal protection

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** 

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

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

#### **Appearance**

Physical state : Liquid.

Color : Not available.
Odor : Not available.
Odor threshold : Not available.

**PH** : 7

Melting point/freezing point : Not available.

Boiling point, initial boiling : Not available.

point, and boiling range

Flash point : Closed cup: Not applicable.
Evaporation rate : 1.44 (butyl acetate = 1)

Flammability : Not available.

Lower and upper explosion : Lower: 2%

limit/flammability limit Upper: 12.7%

Vapor pressure : 101.3 kPa (760 mm Hg)

Relative vapor density : 2.07 [Air = 1]

Relative density : 1.34

Solubility(ies) :

Media	Result
cold water	Not soluble

Partition coefficient: n-

octanol/water

: Not applicable.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt)

Molecular weight : Not applicable.

**Aerosol product** 

**Type of aerosol** : Spray **Heat of combustion** : 1.979 kJ/g

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# 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.

Conditions to avoid : No specific data.

**Incompatible materials**: No specific data.

**Hazardous decomposition** 

products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11. Toxicological information

# Information on toxicological effects

# **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
1,1,1,2-Tetrafluoroethane	LC50 Inhalation Vapor	Rat	1500 g/m³	4 hours
Decafluoropentane	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-
2-Propanol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-

# **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-Propanol	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-

### **Sensitization**

Not available.

### **Mutagenicity**

Not available.

#### Carcinogenicity

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
2-Propanol	-	3	-

# **Reproductive toxicity**

Not available.

# **Teratogenicity**

Not available.

# Specific target organ toxicity (single exposure)

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# **Section 11. Toxicological information**

Name	3.5	Route of exposure	Target organs
2-Propanol	Category 3	-	Narcotic effects

# Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely

: Not available.

routes of exposure

### Potential acute health effects

Eye contact
 Inhalation
 No known significant effects or critical hazards.
 Skin contact
 No known significant effects or critical hazards.
 Ingestion
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

# Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

irritation redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Short term exposure** 

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General
 Carcinogenicity
 No known significant effects or critical hazards.
 Mutagenicity
 No known significant effects or critical hazards.
 Teratogenicity
 No known significant effects or critical hazards.
 Developmental effects
 No known significant effects or critical hazards.
 Fertility effects
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

# **Numerical measures of toxicity**

**Acute toxicity estimates** 

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# Section 11. Toxicological information

Route	ATE value
Oral	155000 mg/kg

# **Section 12. Ecological information**

# **Toxicity**

Product/ingredient name	Result	Species	Exposure
1,1,1,2-Tetrafluoroethane	Acute LC50 >818 mg/l Fresh water	Fish - <i>Pimephales promelas</i> - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
2-Propanol	Acute EC50 7550 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 1400000 µg/l Marine water Acute LC50 4200 mg/l Fresh water	Crustaceans - Crangon crangon Fish - Rasbora heteromorpha	48 hours 96 hours

### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
2-Propanol	-	-	Readily

### **Bioaccumulative potential**

Not available.

#### **Mobility in soil**

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects : No known significant effects or critical hazards.

# Section 13. Disposal considerations

# **Disposal methods**

: This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

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. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

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# **Section 14. Transport information**

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1950	UN1950	UN1950	UN1950	UN1950
UN proper shipping name	AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
Transport hazard class(es)	2.2	2.2	2.2	2.2	2.2
nazaru ciass(es)	ORZAMMAE COS				
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.13-2.17 (Class 2).	-	_	Emergency schedules F-D, S- U
	ERG No.	ERG No.	ERG No.		
	126 Dependent upon container size, this product may ship under	126 Dependent upon container size, this product may ship under	126 Dependent upon container size, this product may ship under	Dependent upon container size, this product may ship under	Dependent upon container size, this product may ship under
	the Limited Quantity shipping exception.	the Limited Quantity shipping exception.	the Limited Quantity shipping exception.	the Limited Quantity shipping exception.	the Limited Quantity shipping exception.

Special precautions for user :

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

: Not available.

Transport in bulk according: Not available. to IMO instruments

Proper shipping name

# Section 15. Regulatory information

**U.S. Federal regulations** 

: TSCA 5(a)2 final significant new use rules: Decafluoropentane

List name **Chemical name** 

40 CFR 721.5645 United States - TSCA 5(a) Decafluoropentane 2 - Final significant new

use rules

**SARA 313** 

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet, where applicable.

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# Section 15. Regulatory information

### California Prop. 65

Not applicable.

**International regulations** 

#### **Montreal Protocol**

Ingredient name	Status
HFC-134a	Annex F, Group I
HFC-245fa	Annex F, Group I

### Stockholm Convention on Persistent Organic Pollutants

Not listed.

International lists : Australia inventory (AIIC): Not determined.

> China inventory (IECSC): Not determined. Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. Korea inventory (KECI): Not determined.

New Zealand Inventory of Chemicals (NZIoC): Not determined.

Philippines inventory (PICCS): Not determined.

Taiwan Chemical Substances Inventory (TCSI): Not determined.

**Thailand inventory**: Not determined. Turkey inventory: Not determined. Vietnam inventory: Not determined.

# Section 16. Other information

### **Hazardous Material Information System (U.S.A.)**



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

#### Procedure used to derive the classification

Classification	Justification
Not classified.	

#### **History**

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# Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate 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)

N/A = Not available

SGG = Segregation Group

UN = United Nations

Indicates information that has changed from previously issued version.

#### **Notice to reader**

SC2206000

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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