# SAFETY DATA SHEET

Biofreeze® Professional Spray

# 1. Product and company identification

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Product name	: Biofreeze® Professional Spray
Distributed by	: RB Health (US) LLC Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225 +1 973 404 2600
	RB Health (Canada) Inc. 1680 Tech Avenue, Unit #2 Mississauga, Ontario L4W 5S9 CANADA Telephone: +1 905 283 7000
Emergency telephone number (Medical)	: 1-800-338-6167
Emergency telephone	: 1-800-424-9300 (U.S. & Canada) CHEMTREC
number (Transport)	Outside U.S. and Canada (North America), call Chemtrec:703-527-3887
Website:	: http://www.rbnainfo.com

#### Product use : Consumer use

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

SDS #	: D8399623
Formulation #	: 3230627

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

Identified uses	
Consumer use	



# 2. Hazards identification

Classification of the substance or mixture	: FLAMMABLE AEROSOLS - Category 2 GASES UNDER PRESSURE - Compressed gas EYE IRRITATION - Category 2A
GHS label elements	
Hazard pictograms	
Signal word	: Warning
Hazard statements	: Flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation.
Precautionary statements	
General	: Not applicable.
Prevention	: Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Wash hands thoroughly after handling. Pressurized container: Do not pierce or burn, even after use.
Response	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	<ul> <li>Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F.</li> </ul>
Disposal	: Not applicable.
Supplemental label elements	: None known.
Hazards not otherwise classified	: None known.

# 3. Composition/information on ingredients

Substance/mixture : Mixture		
Ingredient name	%	CAS number
Ethanol Menthol dimethyl sulphone	30 - 60 5 - 10 1 - 5	64-17-5 89-78-1 67-71-0

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.

# 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. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

Potential acute health effect	
Eye contact	Causes serious eye irritation.
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.
Over-exposure signs/sympt	<u>15</u>
Eye contact	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	No specific data.
Ingestion	No specific data.
Indication of immediate med	l 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

#### See toxicological information (Section 11)

# 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	: Flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Hazardous thermal decomposition products	: No specific data.
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.

# 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. 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).
Methods and materials for co	ont	ainment and cleaning up

disposal container. Dispose of via a licensed waste disposal contractor.

# Small spill Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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

### 6. Accidental release measures

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.

# 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. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
Conditions for safe storage, including any incompatibilities	:	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. Protect from sunlight. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible

materials before handling or use.

# 8. Exposure controls/personal protection

#### **Control**

**Occupational exposure limits** 

Ingredient name	Exposure limits	
Ethyl alcohol	ACGIH TLV (United States, 1/2022). STEL: 1000 ppm 15 minutes. OSHA PEL 1989 (United States, 3/1989). TWA: 1000 ppm 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2020). TWA: 1000 ppm 10 hours. TWA: 1900 mg/m <sup>3</sup> 10 hours. OSHA PEL (United States, 5/2018). TWA: 1000 ppm 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours.	
Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vap or mist, use process enclosures, local exhaust ventilation or other engineering contro to keep worker exposure to airborne contaminants below any recommended or statut limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.	ols tory
Environmental exposure controls	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 meas		

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# 8. Exposure controls/personal protection

Hygiene measures	<ul> <li>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.</li> <li>Appropriate techniques should be used to remove potentially contaminated clothing.</li> <li>Wash contaminated clothing before reusing. Ensure that eyewash stations and safe showers are close to the workstation location.</li> </ul>	ÿ
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: chemical splash goggles.	;
Skin protection		
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should a worn at all times when handling chemical products if a risk assessment indicates this necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for differe glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.	is
Body protection	Personal protective equipment for the body should be selected based on the task bei performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.	Ũ
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 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 and safety characteristics

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

Appearance	
Physical state	: Liquid. [Aerosol.]
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	Not available.
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: Not available.
Flash point	: Not applicable.
Evaporation rate	Not available.
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: Not available.
Relative vapor density	: Not available.
Code # : 3230627_D8399623_A	erosol_NA SDS # : D8399623

# Section 9. Physical and chemical properties and safety characteristics

Relative density	:	Not available.
Solubility(ies)	:	
Media		Result
cold water hot water		Not soluble Not soluble
Solubility in water	:	Not available.
Partition coefficient: n- octanol/water	:	Not applicable.
Auto-ignition temperature	:	Not available.
Decomposition temperature	: Not available.	
Heat of combustion	: 14.2 kJ/g	
Viscosity	: Not available.	
Particle characteristics		
Median particle size	:	Not applicable.
<u>Aerosol product</u>		
Type of aerosol	÷	Spray

# 10. Stability and reactivity

: No specific test data related to reactivity available for this product or its ingredients.
: The product is stable.
: Under normal conditions of storage and use, hazardous reactions will not occur.
: Avoid all possible sources of ignition (spark or flame).
: No specific data.
: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethanol	LC50 Inhalation Vapor	Rat	124700 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	7 g/kg	-
Menthol	LD50 Oral	Rat	3180 mg/kg	-
dimethyl sulphone	LD50 Dermal	Rabbit	>5 g/kg	-
2	LD50 Oral	Rat	>5 g/kg	-

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

Irritation/Corrosion

# **11. Toxicological information**

11. Toxicological I						1
Product/ingredient name	Result		Species	Score	Exposure	Observation
Ethanol	Eyes - Milo	l irritant	Rabbit	-	24 hours 500	-
	Eyes - Moo	derate irrita	nt Rabbit	-	mg 0.0666666667 minutes 100	-
					mg	
	Eyes - Moo Skin - Mild	derate irrita irritant	nt Rabbit Rabbit	-	100 uL 400 mg	-
		lerate irritar		-	24 hours 20	-
					mg	
Menthol	Eyes - Sev	ere irritant	Mammal - species	-	100 %	-
			unspecified			
	Eyes - Sev	ere irritant	Rabbit	-	250 ug	-
Conclusion/Summary						
Skin			lata, the classificatio		e not met.	
Eyes			Causes serious eye			
Respiratory	: Based on	available o	lata, the classificatio	n criteria are	e not met.	
Sensitization						
Not available.						
Conclusion/Summary						
Skin	: Based on	available o	lata, the classificatio	n criteria are	e not met.	
Respiratory	: Based on	available o	lata, the classificatio	n criteria are	e not met.	
<u>Mutagenicity</u>						
Not available.						
Conclusion/Summary	: Based on	available o	lata, the classificatio	n criteria are	e not met.	
Carcinogenicity						
Not available.						
Conclusion/Summary	: Based on	available o	lata, the classificatio	n criteria are	e not met.	
Classification						
Product/ingredient name	OSHA	IARC	NTP			
Ethanol	-	1	-			
Reproductive toxicity			•			
Not available.						
Conclusion/Summary	· Based on	available c	lata, the classificatio	n criteria are	a not met	
Teratogenicity	. Daseu Ul		นอเล, เกษ เสองกาเปลแบ		, not met.	
Not available.						
	Deserve			a anita da a a a		
Conclusion/Summary	: Based on	i avallable (	lata, the classificatio	n criteria are	e not met.	
<u>Specific target organ toxicit</u> Not available.	<u>y (single ex</u> t	<u>oosure)</u>				
Specific target organ toxicit	<u>y (repeated (</u>	<u>exposure)</u>				
Not available.		-				

# **11. Toxicological information**

#### Aspiration hazard

Not available.

Information on the likely routes of exposure	:	Not available.
Potential acute health effects	i	
Eye contact	:	Causes serious eye irritation.
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.
Symptoms related to the phy	<u>sic</u>	al, chemical and toxicological characteristics
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	:	No specific data.
Ingestion	1	No specific data.
Delayed and immediate effec	<u>ts</u>	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		
Potential immediate		
effects	:	Not available.
effects Potential delayed effects		Not available.
	:	Not available.
Potential delayed effects	:	Not available.
Potential delayed effects Potential chronic health effe	: ect	Not available.
Potential delayed effects Potential chronic health effe Not available.	: ect: :	Not available. <u>s</u>
Potential delayed effects <u>Potential chronic health effe</u> Not available. <u>Conclusion/Summary</u>	: ect: :	Not available. <u>s</u> Based on available data, the classification criteria are not met.
Potential delayed effects <u>Potential chronic health effe</u> Not available. <u>Conclusion/Summary</u> <u>General</u>	: ect: : :	Not available. S Based on available data, the classification criteria are not met. No known significant effects or critical hazards.
Potential delayed effects <u>Potential chronic health effe</u> Not available. <u>Conclusion/Summary</u> <u>General</u> <u>Carcinogenicity</u>	: ect: : : :	Not available. S Based on available data, the classification criteria are not met. 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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# **11. Toxicological information**

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
Biofreeze® Professional Spray_3230627_D8399623_ Aerosol (BOV) NA	33473.7	N/A	N/A	N/A	N/A
Ethanol	7000	N/A	N/A	124.7	N/A
Menthol	3180	N/A	N/A	N/A	N/A

# 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Ethanol	Acute EC50 3306 mg/l Marine water Acute EC50 1074 mg/l Fresh water Acute LC50 5680 mg/l Fresh water	Algae - Ulva pertusa Crustaceans - Cypris subglobosa Daphnia - Daphnia magna - Neonate	96 hours 48 hours 48 hours
	Acute LC50 11000000 μg/l Marine water Chronic NOEC 4.995 mg/l Marine water Chronic NOEC 100 ul/L Fresh water	Fish - Alburnus alburnus Algae - Ulva pertusa Daphnia - Daphnia magna - Neonate	96 hours 96 hours 21 days

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Ethanol	-0.35	-	low
Menthol dimethyl cylphone	3.4	-	low
dimethyl sulphone	-1.41	-	low

#### Mobility in soil

Soil/water partition : I coefficient (Koc)

: Not available.

#### Other adverse effects

: No known significant effects or critical hazards.

### 13. Disposal considerations

Disposal	methods
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: 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.

# 14. Transport information

	DOT Classification	TDG Classification	IMDG	ΙΑΤΑ
UN number	UN1950	UN1950	UN1950	UN1950
UN proper shipping name	Aerosols	AEROSOLS	AEROSOLS	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1	2.1
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

**Additional information** 

DOT Classification	<u>mited quantity</u> Yes. Ickaging instruction Exceptions: 306. Non-bulk: None. Bulk: None. Jantity limitation Passenger aircraft/rail: 75 kg. Cargo aircraft: 150 kg. Decial provisions N82	
TDG Classification	oduct classified as per the following sections of the Transportation of Dangerou bods Regulations: 2.13-2.17 (Class 2). splosive Limit and Limited Quantity Index 1 ssenger Carrying Road or Rail Index 75 pecial provisions 80, 107	SL
IMDG	<u>nergency schedules</u> F-D, S-U <u>pecial provisions</u> 63, 190, 277, 327, 344, 381, 959	
ΙΑΤΑ	<b>Lantity limitation</b> Passenger and Cargo Aircraft: 75 kg. Packaging instructions argo Aircraft Only: 150 kg. Packaging instructions: 203. Limited Quantities - Issenger Aircraft: 30 kg. Packaging instructions: Y203. Decial provisions A145, A167, A802	s: 203.
Special precautions for user	<b>ansport within user's premises:</b> always transport in closed containers that a right and secure. Ensure that persons transporting the product know what to d ent of an accident or spillage.	

Transport in bulk according : Not available.

to IMO instruments

# 15. Regulatory information

U.S. Federal regulations	÷	United States inventory (TSCA 8b): All components are active or exempted.
		······································

Clean Air Act Section 112 : Not listed (b) Hazardous Air Pollutants (HAPs)			
Clean Air Act Section 602 : Not listed Class I Substances			
Clean Air Act Section 602 : Not listed Class II Substances			
Code # : 3230627_D8399623_Aerosol_NA SDS #	: D8399623	Date of issue : 14/11/2022	11/14

# 15. Regulatory information

DEA List I Chemicals (Precursor Chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Not listed

#### SARA 302/304

#### **Composition/information on ingredients**

No products were found.

SARA 304 RQ	: Not applicable.
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#### SARA 311/312

Classification

: FLAMMABLE AEROSOLS - Category 2 GASES UNDER PRESSURE - Compressed gas EYE IRRITATION - Category 2A

#### **Composition/information on ingredients**

Name	%	Classification
Ethanol		FLAMMABLE LIQUIDS - Category 2
		EYE IRRITATION - Category 2A
Menthol		SKIN IRRITATION - Category 2
		EYE IRRITATION - Category 2B

#### **State regulations**

Massachusetts	: The following components are listed: Ethanol
New York	: None of the components are listed.
New Jersey	: The following components are listed: Ethanol
Pennsylvania	: The following components are listed: Ethanol
<u>California Prop. 65</u>	

#### This product does not require a Safe Harbor warning under California Prop. 65.

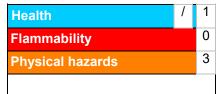
#### Label elements

Additional information / Recommendations

Additional information	: For external use. Avoid contact with eyes. Keep out of reach of children. Read label before use. 'Keep away from excessive heat or open flame.'
Recommendations	: No known significant effects or critical hazards.
Recommendations	: No known significant effects or critical hazards.

# **16. Other information**

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



### 16. Other information

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.

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.

National Fire Protection Association (U.S.A.)



#### NFPA (30B) aerosol Flammability Not applicable

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

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 = International Air Transport Association IBC = 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
Date of issue	: 14/11/2022
Date of previous issue	: No previous validation
Version	: 1.0
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✓Indicates information that has changed from previously issued version.
Notice to reader

## 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



RB is a member of the CSPA Product Care Product Stewardship Program.