



Blue Car Wash (ONT.0079)

Safety Data Sheet ONT.0079

Date of issue: 01/15/2019 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

GHS Product Identifier : 0079
Product Code : 0284
Product Type : Liquid.

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

Identified Uses	Car Wash Soap

1.3. Details of the supplier of the safety data sheet

Supplier
MCGEHEE & MCGEHEE ENTERPRISES INC
120 SOUTH BOGGESS AVENUE
- USA
T (270) 338-4600 - F (270) 338-4602

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1 OSHA/HCS Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.2 Classification of the Substance or Mixture

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
CARCINOGENICITY - Category 2

2.3 GHS Label Elements

2.3.1 HAZARD PICTOGRAMS



2.3.2 SIGNAL WORD

Warning

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2.3.3 HAZARD STATEMENTS

H319 - Causes serious eye irritation.

H351 - Suspected of causing cancer.

2.4 Precautionary Statements

2.4.1 PREVENTION

P201 - Obtain Special Instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.

P264 - Wash hands thoroughly after handling.

2.4.2 RESPONSE

P308 + P313 - IF exposed or concerned: Get medical attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical attention.

2.4.3 STORAGE

P405 - Store locked up.

2.4.4 DISPOSAL

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.5 Hazards Not Otherwise Classified

None known.

SECTION 3: Composition/Information on ingredients

3.1 Substance/Mixture

Mixture

3.2 Other Means of Identification

V59

Ingredient Name	%	CAS Number
Benzenesulfonic acid, C10-16-alkyl derivs.	$\geq 5 - \leq 10$	68584-22-5
Poly(oxy-1, 2-ethanediyl), a-sulfo- ω -(dodecyloxy)-, sodium salt	$\geq 1 - \leq 3$	9004-82-4
Diethanolamine	$\geq 0.1 - \leq 1$	111-42-2
Alcohols, C10-16, ethoxylated	< 0.25	68002-97-1

The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with paragraph (i) of § 1910.1200.

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.

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SECTION 4: First aid measures

4.1 Description of Necessary First Aid Measures

4.1.1 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 20 minutes. Get medical attention.

4.1.2 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 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

4.1.3 SKIN CONTACT

Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

4.1.4 INGESTION

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. 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.

4.2 Most Important Symptoms/Effects, Acute and Delayed

4.2.1 Potential Acute Health Effects

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.

4.2.2 Over-Exposure Signs/Symptoms

Eye Contact	Adverse symptoms may include the following: pain or irritation, watering, redness
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.

4.2.3 Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under surveillance for 48 hours.
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.

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See Toxicological information (Section 11).

SECTION 5: Firefighting measures

5.1 Extinguishing Media

5.1.1 Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

5.1.2 Unsuitable Extinguishing Media

None known.

5.1.3 Specific Hazards Arising from the Chemical

No specific fire or explosion hazard.

5.1.4 Hazardous Thermal Decomposition Products

Decomposition products may include the following materials:

- carbon dioxide
- carbon monoxide
- nitrogen oxides
- sulfur oxides
- halogenated compounds
- metal oxide/oxides

5.1.5 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.

5.1.6 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

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1 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.

6.1.2 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".

6.1.3 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).

6.2 Methods and Materials for Contaminant and Cleaning Up

6.2.1 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 materials 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.

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SECTION 7: Handling and storage

7.1 Precautions for Safe Handling

7.1.1 Protective Measures

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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.

7.1.2 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. See also Section 8 for additional information on hygiene measures.

7.1.3 Conditions for Safe Storage, Including Any Incompatibilities

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. Store locked up. 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

8.1 Control Parameters

8.1.1 Occupational Exposure Limits

Ingredient Name	Exposure Limits
Benzenesulfonic acid, C10-16-alkyl derives.	None
Poly(oxy-1, 2-ethanediyl), a-sulfo- ω -(dodecyloxy)-, sodium salt	None
Diethanolamine	NIOSH REL (United State, 10/2016). TWA: 3ppm 10 hours. TWA: 15 mg/m ² 10 hours. ACGIH TLV (United States, 3/2017). Absorbed through skin. TWA: 1 mg/m ² 8 hours. Form: Inhalable fraction and vapor.
Alcohols, C10-16, ethoxylated	None

8.1.2 Appropriate Engineering Controls

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 limits.

8.1.3 Environmental Exposure Controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

8.2 Individual Protection Measures

8.2.1 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.

8.2.2 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.

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8.3 Skin Protection

8.3.1 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. 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 different glove manufacturers. IN the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

8.3.2 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.

8.3.3 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.

8.4 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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid. [Viscous. Transparent.]
Color	: Blue.
Odor	: Bubble gum.
Odor Threshold	: No data available
pH	: 8.5
Melting Point	: No data available
Boiling Point	: 100°C (212°F)
Flash Point	: No data available
Evaporation Rate	: No data available
Flammability (solid, gas)	: No data available
Lower and Upper Explosive (Flammable) Limits	: No data available
Vapor Pressure	: No data available
Vapor Density	: No data available
Relative Density	: 1.02
Solubility	: Soluble in water, insoluble in most solvents.
Partition coefficient: n-octanol/water	: No data available
Auto-Ignition Temperature	: No data available
Decomposition Temperature	: No data available
Viscosity	: No data available
Flow Time (ISO 2431)	: No data available
VOC Content	: Not Applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical Stability

The product is stable.

10.3 Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to Avoid

No specific data.

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10.5 Incompatible Materials

Reactive or incompatible with the following materials: oxidizing materials.

10.6 Hazardous Decomposition Products

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

SECTION 11: Toxicological information

11.1 Information on Toxicological Effects

11.1.1 Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Benzenesulfonic acid, C10-16-alkyl derives.	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	775 mg/kg	-
Poly(oxy-1, 2-ethanediyl), a-sulfo- ω -(dodecyloxy)-, sodium salt	LD50 Oral	Rat	1600 mg/kg	-

11.1.2 Irritation/Corrosion

Product/Ingredient Name	Result	Species	Score	Exposure	Observation
Poly(oxy-1, 2-ethanediyl), a-sulfo- ω -(dodecyloxy)-, sodium salt	Eyes- Moderate Irritant	Rabbit	-	24 hours 20 mg	-
	Eyes - Severe Irritant	Rabbit	-	24 hours 100 ul	-
	Skin - Moderate Irritant	Rabbit	-	24 hours 25 mg	-
	Skin - Severe Irritant	Rabbit	-	24 hours 500 mg	-
Diethanolamine	Eyes - Severe Irritant	Rabbit	-	24 hours 750 ug	-
	Eyes - Severe Irritant	Rabbit	-	5500 mg	-
	Skin - Mild Irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild Irritant	Rabbit	-	50 mg	-

11.1.3 Sensitization

There is no data available.

11.1.4 Mutagenicity

There is no data available.

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11.1.5 Carcinogenicity

CLASSIFICATION:

Product/Ingredient Name	OSHA	IARC	NTP
Diethanolamine	-	2B	-

11.1.6 Reproductive Toxicity

There is no data available.

11.1.7 Teratogenicity

There is no data available.

11.1.8 Specific Target Organ Toxicity (Single Exposure)

There is no data available.

11.1.9 Specific Target Organ Toxicity (Repeated Exposure)

Name	Category	Target Organs
Diethanolamine	Category 2	Not Determined

11.1.10 Aspiration Hazard

There is no data available.

11.1.11 Information On The Likely Routes of Exposure

Dermal contact. Eye Contact. Inhalation. Ingestion.

11.2 Potential Acute Health Effects

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.

11.3 Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact	Adverse symptoms may include the following: pain or irritation watering redness
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.

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11.4 Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure

11.4.1 Short Term Exposure

Potential Immediate Effects	No known significant effects or critical hazards.
Potential Delayed Effects	No known significant effects or critical hazards.

11.4.2 Long Term Exposure

Potential Immediate Effects	No known significant effects or critical hazards.
Potential Delayed Effects	No known significant effects or critical hazards.

11.4.3 Potential Chronic Health Effects

General	No known significant effects or critical hazards.
Carcinogenicity	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
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.

11.5 Numerical Measures of Toxicity

11.5.1 Acute Toxicity Estimates

Route	ATE Value
Oral	7875.4 mg/kg
Dermal	22292.4 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

Product/Ingredient Name	Result	Species	Exposure
Diethanolamine	Acute EC50 12 mg/L Fresh Water	Algae - Pseudokircheriella subcapitata	96 hours
	Acute LC50 28800 ug/L Fresh Water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 55000 ug/L Fresh Water	Daphnia - Daphnia magna	48 hours
	Acute LC50 775 mg/L Fresh Water	Fish - Lepomis macrochirus	96 hours

12.2 Persistence and Degradability

There is no data available.

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12.3 Bioaccumulative Potential

Product/Ingredient Name	LogPow	BCF	Potential
Diethanolamine	-1.43	-	low

12.4 Mobility in Soil



Soil/Water Partition Coefficient (Koc)	Not available.
Other Adverse Effects	No known significant or critical hazards.

SECTION 13: Disposal considerations

13.1 Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should 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 empty 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

	DOT Classification	IMDG	IATA
UN Number	UN3082	Not regulated.	Not regulated.
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diethanolamine)	-	-
Transport Hazard Class(es)	9  	-	-
Packing Group	III	-	-
Environmental Hazards	Yes.	No.	No.

AERG: 171

DOT-RQ Details: Diethanolamine - 100 lbs/ 45.4 kg [11.003 gal / 41.651 L]

14.2 Additional Information

14.2.1 DOT Classification

Non-bulk packages of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤5 L or ≤5 kg.

Reportable quantity 17543.9 lbs / 7964.9 kg [2062.9 gal / 7808.7 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

14.2.2 IATA

The environmentally hazardous substance mark may appear if required by other transportation regulations.

14.2.3 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.

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SECTION 15: Regulatory information

15.1 U.S. Federal Regulations

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 311: Sulfuric acid; Pentyl acetate; 2-Methylbutyl acetate; Sodium hydroxide; Formaldehyde

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	Listed
Clean Air Act Section 602 Class I Substances	Not listed
Clean Air Act Section 602 Class II Substances	Not listed
DEA List I Chemicals (Precursor Chemicals)	Not listed
DEA List II Chemicals (Essential Chemicals)	Not listed

15.2 SARA302/304

15.2.1 Composition/Information on Ingredients

Name	EHS	SARA 302 TPQ		SARA 304 RQ	
		(lbs)	(gallons)	(lbs)	(gallons)
Sulfuric Acid	Yes.	1000	66.3	1000	66.3
Ethylene oxide	Yes.	1000	-	10	-
Formaldehyde	Yes.	500	-	100	-

SARA 304 RQ : 370370.4 lbs / 168148.1 kg [43549.1 gal / 164851.1 L]

15.3 SARA 311/312

Classification: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
CARCINOGENICITY - Category 2

15.3.1 Composition/Information on Ingredients

Name	Classification
Benzenesulfonic acid, C10-16-alkyl derivs.	ACUTE TOXICITY (oral) = Category 4 ACUTE TOXICITY (dermal) - Category 4 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Diethanolamine	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

15.4 SARA 313

There is no data available.

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15.5 State Regulations

Massachusetts	None of the components are listed.
New York	The following components are listed: Diethanolamine
New Jersey	The following components are listed: Diethanolamine
Pennsylvania	The following components are listed: Diethanolamine

California Prop. 65

WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including Diethanolamine, 1,4-Dioxane, Formaldehyde, 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride, which are known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

16.1 Procedure Used to Derive The Classification

Classification	Justification
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A	Calculation method
CARCINOGENICITY - Category 2	Calculation method

16.2 History

Date of Issue mm/dd/yyyy	01/15/2019
Date of Previous Issue	Not applicable
Version	1
Prepared by	KMK Regulatory Services Inc.
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) UN = United Nations

Notice to Reader:

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.