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SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier: V38424 - RNX AHS Graphene
Other means of identification:
Non-applicable
- 1.2 Recommended use of the chemical and restrictions on use:
Relevant uses: Chemical cleaning products
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:
National Carwash Solutions
1500 SE 37th St
Grimes, IA 50111 - United States
Phone: 9203372175 - Fax: 9203379410
<http://cleaningsystemsinc.com>

Distributor:
Shiners Car Wash Systems Pty Ltd
12-14 Smeaton Avenue
Dandenong South 3175 Vic
Telephone 61-3-9646 0999
- 1.4 Emergency phone number: 1-800-424-9300 or 1-703-527-3887

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:
NFPA:
Health Hazards: 3
Flammability Hazards: 0
Instability Hazards: 0
Special Hazards: Non-applicable
29 CFR 1910.1200:
Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.
Eye Dam. 1: Serious eye damage, Category 1, H318
Skin Irrit. 2: Skin irritation, Category 2, H315

- 2.2 Label elements:
NFPA:



29 CFR 1910.1200:
Danger

Hazard statements:

Eye Dam. 1: H318 - Causes serious eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.

Precautionary statements:

P264: Wash thoroughly after use.
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a poison center/doctor.
P332+P313: If skin irritation occurs: Get medical advice/attention.

Substances that contribute to the classification:

Surfactant Mixture; Glycollic acid
Acute Toxicity Estimate (ATE mix).

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SECTION 2: HAZARD(S) IDENTIFICATION (continued)

22.6 % (oral), 22.6 % (inhalation) of the mixture consists of ingredient(s) of unknown toxicity

Additional labeling:

Keep out of the reach of children

- 2.3 Hazards not otherwise classified (HNOC):
Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Non-applicable

3.2 Mixtures:

Chemical description: Aqueous mixture composed of chemical products for cleaning products

Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

| Identification | Chemical name/Classification | Concentration |
|---------------------|--|---------------|
| CAS: Non-applicable | Surfactant Mixture Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 15 - <35 % |
| CAS: 111-76-2 | 2-butoxyethanol Acute Tox. 4: H302+H332; Eye Irrit. 2A: H319; Flam. Liq. 4: H227; Skin Irrit. 2: H315 - Warning | <5 % |
| CAS: 79-14-1 | Glycollic acid Acute Tox. 4: H332; Eye Dam. 1: H318; Skin Corr. 1B: H314 - Danger | <5 % |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

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

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SECTION 4: FIRST-AID MEASURES (continued)

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Suitable (and unsuitable) extinguishing media:
 Suitable extinguishing media:
 Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.
 Unsuitable extinguishing media:
 IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.
- 5.2 Specific hazards arising from the chemical:
 As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.
- 5.3 Special protective equipment and precautions for fire-fighters:
 Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)
 Additional provisions:
 As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

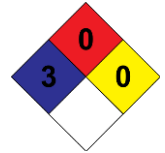
SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:
 For non-emergency personnel:
 Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.
 For emergency responders:
 See section 8.
- 6.2 Environmental precautions:
 This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.
- 6.3 Methods and materials for containment and cleaning up:
 It is recommended:
 Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
- 6.4 Reference to other sections:
 See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:
 A.- General precautions for safe use
 Comply with the current standards 29 CFR 1910 Occupational Safety and Health Standards. Maintain order, cleanliness and destroy using safe methods (section 6).
 B.- Technical recommendations for the prevention of fires and explosions

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SECTION 7: HANDLING AND STORAGE (continued)

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 24.8 °F

Maximum Temp.: 120 °F

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

| Identification | Occupational exposure limits | | |
|----------------|----------------------------------|---|--------|
| | 2-butoxyethanol CAS: 111-76-2 | 8-hour TWA PEL Ceiling Values - TWA PEL | 50 ppm |

US. ACGIH Threshold Limit Values (2022):

| Identification | Occupational exposure limits | | |
|----------------|----------------------------------|---------------------|--------|
| | 2-butoxyethanol CAS: 111-76-2 | TLV-TWA TLV-STEL | 20 ppm |

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

| Identification | Occupational exposure limits | | |
|----------------|----------------------------------|-------------|--------|
| | 2-butoxyethanol CAS: 111-76-2 | PEL STEL | 20 ppm |

Biological limit values:

Biological Exposure Indices (BEIs®) - ACGIH

| Identification | BEIs® | Determinant | Sampling Time |
|----------------------------------|-----------------|----------------------------------|---------------|
| 2-butoxyethanol CAS: 111-76-2 | 200 mg/g (NULL) | Butoxyacetic acid (BAA) in urine | End of shift |

8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)


The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C. - Specific protection for the hands

| Pictogram | PPE | Remarks |
|--|---------------------------------------|---|
|  Mandatory hand protection | Protective gloves against minor risks | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical protection gloves. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR) |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D. - Eye and face protection

| Pictogram | PPE | Remarks |
|--|---|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR) |

E. - Bodily protection

| Pictogram | PPE | Remarks |
|-----------|----------------------|---|
| | Work clothing | Replace before any evidence of deterioration. |
| | Anti-slip work shoes | Replace before any evidence of deterioration. |

F. - Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|---|---|--|--|
|  Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 |  Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

National volatile organic compound emission standards (40 CFR Part 59):

V.O.C.(weight-percent): 2.8 % weight
V.O.C. at 68 °F: 104.61 kg/m³ (104.61 g/L)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:
For complete information see the product datasheet.

Appearance:

Physical state at 68 °F: Liquid
Appearance: Not available
Color: Black
Odor: Not available

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|--|---------------------------|
| Odour threshold: | Non-applicable * |
| Volatility: | |
| Boiling point at atmospheric pressure: | Non-applicable * |
| Vapour pressure at 68 °F: | Non-applicable * |
| Vapour pressure at 122 °F: | Non-applicable * |
| Evaporation rate at 68 °F: | Non-applicable * |
| Product description: | |
| Density at 68 °F: | 1 kg/m ³ |
| Relative density at 68 °F: | 0.981 |
| Dynamic viscosity at 68 °F: | Non-applicable * |
| Kinematic viscosity at 68 °F: | Non-applicable * |
| Kinematic viscosity at 104 °F: | Non-applicable * |
| Concentration: | Non-applicable * |
| pH: | Non-applicable * |
| Vapour density at 68 °F: | Non-applicable * |
| Partition coefficient n-octanol/water 68 °F: | Non-applicable * |
| Solubility in water at 68 °F: | Non-applicable * |
| Solubility properties: | Non-applicable * |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |
| Flammability: | |
| Flash Point: | Non Flammable (>199.4 °F) |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | Non-applicable * |
| Lower flammability limit: | Non-applicable * |
| Upper flammability limit: | Non-applicable * |
| Particle characteristics: | |
| Median equivalent diameter: | Non-applicable |
| 9.2 Other information: | |
| Information with regard to physical hazard classes: | |
| Explosive properties: | Non-applicable * |
| Oxidising properties: | Non-applicable * |
| Corrosive to metals: | Non-applicable * |
| Heat of combustion: | Non-applicable * |
| Aerosols-total percentage (by mass) of flammable components: | Non-applicable * |
| Other safety characteristics: | |
| Surface tension at 68 °F: | Non-applicable * |
| Refraction index: | Non-applicable * |

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:
No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

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SECTION 10: STABILITY AND REACTIVITY (continued)



V38424 - RNX AHS Graphene

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

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 Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| | | | | | |
|------|--------------------|------------------|-------------------------|------------|----------------|
| 10.5 | Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
| | Not applicable | Not applicable | Precaution | Precaution | Not applicable |

| | | | | | |
|------|----------------|----------------|---------------------|-----------------------|-------------------------------|
| 10.6 | Acids | Water | Oxidising materials | Combustible materials | Others |
| | Not applicable | Not applicable | Precaution | Not applicable | Avoid alkalis or strong bases |

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: 2-butoxyethanol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|----------------------------------|----------------|----------------|--------|
| | LD50 oral | LD50 dermal | |
| 2-butoxyethanol CAS: 111-76-2 | 1200 mg/kg | 3000 mg/kg | Rat |
| | 11 mg/L (ATEi) | | Rabbit |
| | | | |
| Glycollic acid CAS: 79-14-1 | 2040 mg/kg | Non-applicable | Rat |
| | 11 mg/L (ATEi) | | |
| | | | |

Acute Toxicity Estimate (ATE mix):

| ATE mix | | Ingredient(s) of unknown toxicity |
|------------|--|-----------------------------------|
| Oral | 46440 mg/kg (Calculation method) | 22.6 % |
| Dermal | >5000 mg/kg (Calculation method) | Non-applicable |
| Inhalation | 227.04 mg/L (4 h) (Calculation method) | 22.6 % |

SECTION 12: ECOLOGICAL INFORMATION

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The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Ecotoxicity (aquatic and terrestrial, where available):

| Identification | Concentration | | Species | Genus |
|----------------------------------|---------------|------------------|---------------------------------|------------|
| 2-butoxyethanol CAS: 111-76-2 | LC50 | 1490 mg/L (96 h) | Lepomis macrochirus | Fish |
| | EC50 | 1815 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 911 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae |
| Glycollic acid CAS: 79-14-1 | LC50 | 164 mg/L (96 h) | Lepomis macrochirus | Fish |
| | EC50 | 141 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 44 mg/L (72 h) | Selenastrum capricornutum | Algae |

| Identification | Concentration | | Species | Genus |
|---|---------------|----------|---------------|------------|
| Chronic toxicity: 2-butoxyethanol CAS: 111-76-2 | NOEC | 100 mg/L | Danio rerio | Fish |
| | NOEC | 100 mg/L | Daphnia magna | Crustacean |

12.2 Persistence and degradability:

| Identification | Degradability | | Biodegradability | |
|----------------------------------|---------------|----------------|------------------|----------|
| | | | | |
| 2-butoxyethanol CAS: 111-76-2 | BOD5 | 0.71 g O2/g | Concentration | 100 mg/L |
| | COD | 2.2 g O2/g | Period | 14 days |
| | BOD5/COD | 0.32 | % Biodegradable | 96 % |
| Glycollic acid CAS: 79-14-1 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 14 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 86 % |

12.3 Bioaccumulative potential:

| Identification | Bioaccumulation potential | |
|----------------------------------|---------------------------|-------|
| 2-butoxyethanol CAS: 111-76-2 | BCF | 3 |
| | Pow Log | 0.83 |
| | Potential | Low |
| Glycollic acid CAS: 79-14-1 | BCF | 3 |
| | Pow Log | -1.11 |
| | Potential | Low |

12.4 Mobility in soil:

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| | Identification | Absorption/desorption | | Volatility | |
|------|---|----------------------------------|----------------------|------------|-------|
| | | 2-butoxyethanol CAS: 111-76-2 | Koc | 8 | Henry |
| 12.5 | Results of PBT and vPvB assessment: Non-applicable | Conclusion | Very High | Dry soil | No |
| 12.6 | Other adverse effects: Not described | Surface tension | 2.729E-2 N/m (77 °F) | Moist soil | Yes |

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:
Waste management (disposal and evaluation):
Consult the authorized waste service manager on the assessment and disposal operations. In case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See epigraph 6.2.
Regulations related to waste management:
Legislation related to waste management:
40 CFR Part 261- IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

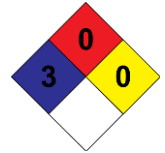
SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:
With regard to 49 CFR on the Transport of Dangerous Goods:

| | | |
|------|--|----------------|
| 14.1 | UN number: | Non-applicable |
| 14.2 | UN proper shipping name: | Non-applicable |
| | Transport hazard class(es): | Non-applicable |
| 14.3 | Labels: | Non-applicable |
| | Packing group, if applicable: | No |
| 14.4 | Marine pollutant: | |
| 14.5 | | |
| 14.6 | Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises | |
| | Physico-Chemical properties: | see section 9 |
| 14.7 | Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): | Non-applicable |

Transport of dangerous goods by sea:
With regard to IMDG 39-18:

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SECTION 14: TRANSPORT INFORMATION (continued)

- 14.1 UN number: Non-applicable
- 14.2 UN proper shipping name: Non-applicable
- 14.3 Transport hazard class(es): Non-applicable
- 14.3 Labels: Non-applicable
- Packing group, if applicable: Non-applicable
- 14.4
- 14.5 Marine pollutant: No
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
- Special regulations: Non-applicable
- EmS Codes: Non-applicable
- Physico-Chemical properties: see section 9
- Limited quantities: Non-applicable
- Segregation group: Non-applicable
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Non-applicable
- Transport of dangerous goods by air:
With regard to IATA/ICAO 2022:
- 14.1 UN number: Non-applicable
- 14.2 UN proper shipping name: Non-applicable
- 14.3 Transport hazard class(es): Non-applicable
- 14.3 Labels: Non-applicable
- Packing group, if applicable: Non-applicable
- 14.4
- 14.5 Marine pollutant: No
- 14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
- Physico-Chemical properties: see section 9
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Non-applicable

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations specific for the product in question:
 Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): 2-butoxyethanol
 California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986): Non-applicable
 The Toxic Substances Control Act (TSCA) : 2-butoxyethanol ; Glycollic acid
 Massachusetts RTK - Substance List: 2-butoxyethanol
 New Jersey Worker and Community Right-to-Know Act: 2-butoxyethanol
 New York RTK - Substance list: 2-butoxyethanol
 Pennsylvania Worker and Community Right-to-Know Law: 2-butoxyethanol
 CANADA-Domestic Substances List (DSL): 2-butoxyethanol ; Glycollic acid
 CANADA-Non-Domestic Substances List (NDSL): Non-applicable
 NTP (National Toxicology Program): Non-applicable
 Minnesota - Hazardous substances ERTK: 2-butoxyethanol
 Rhode Island - Hazardous substances RTK: 2-butoxyethanol
 OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
 Hazardous Air Pollutants (Clean Air Act): 2-butoxyethanol
 CALIFORNIA LABOR CODE - The Hazardous Substances List: 2-butoxyethanol
 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: 2-butoxyethanol (1 pounds)
 Specific provisions in terms of protecting people or the environment:

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SECTION 15: REGULATORY INFORMATION (continued)

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.

H318: Causes serious eye damage.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

29 CFR 1910.1200:

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Flam. Liq. 4: H227 - Combustible liquid.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET