



# SAFETY DATA SHEET

Quick Wash

## Section 1. Identification

**GHS product identifier** : Quick Wash  
**Part Number(s)** : 93600011 93600012 93600013 93600014 93600015 93600071 93600072  
**Product type** : Liquid.

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

**Product use** : Cleaning agent.  
**Area of application** : Consumer applications.

**Manufacturer** : Chemrite Copac, inc.  
19725 West Edgewood Drive  
Lannon, WI 53046  
United States  
Telephone: 1-262-255-3880

**Supplier's details** : **Americas**  
Harley-Davidson Motor Company  
3700 W. Juneau Ave.  
Milwaukee, WI 53208  
United States  
Telephone no.: 001-800-258-2464  
dspa@harley-davidson.com

**Europe, Middle East and Africa**  
Harley-Davidson Benelux B.V.  
Verryn Stuartlaan 29  
2288 Ek Rjswijk  
The Netherlands  
Telephone no.: +31(0)70-757-4900  
dspa@harley-davidson.com

**Asia Pacific**  
Harley-Davidson Asia Pacific Pte.  
51 Cuppage Road  
#02-01  
Singapore 229469  
Telephone no.: 0065-6499-8000  
dspa@harley-davidson.com

**e-mail address of person responsible for this SDS** : dspa@harley-davidson.com

**Emergency telephone number (with hours of operation)** : CHEMTREC®  
USA / Canada Toll Free: **800-424-9300**  
International: **001-703-741-5970**

## Section 2. Hazards identification

|                                                   |                                                                                                                                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OSHA/HCS status</b>                            | : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).                                                    |
| <b>Classification of the substance or mixture</b> | : H227 FLAMMABLE LIQUIDS - Category 4                                                                                                                    |
| <b><u>GHS label elements</u></b>                  |                                                                                                                                                          |
| <b>Signal word</b>                                | : Warning                                                                                                                                                |
| <b>Hazard statements</b>                          | : H227 - Combustible liquid.                                                                                                                             |
| <b><u>Precautionary statements</u></b>            |                                                                                                                                                          |
| <b>General</b>                                    | : P103 - Read label before use.<br>P102 - Keep out of reach of children.<br>P101 - If medical advice is needed, have product container or label at hand. |
| <b>Prevention</b>                                 | : P280 - Wear protective gloves. Wear eye or face protection.<br>P210 - Keep away from flames and hot surfaces. - No smoking.                            |
| <b>Response</b>                                   | : Not applicable.                                                                                                                                        |
| <b>Storage</b>                                    | : P403 - Store in a well-ventilated place.<br>P235 - Keep cool.                                                                                          |
| <b>Disposal</b>                                   | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                               |
| <b>Hazards not otherwise classified</b>           | : None known.                                                                                                                                            |

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| <b>Ingredient name</b> | <b>Other names</b> | <b>%</b> | <b>CAS number</b> |
|------------------------|--------------------|----------|-------------------|
| 2-butoxyethanol        | -                  | <10      | 111-76-2          |

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 as hazardous to health and hence require reporting in this section.**

## Section 4. First aid measures

### Description of necessary first aid measures

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b> | : 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 if irritation occurs.                                                                                                                                                                                                                                                                                                                                           |
| <b>Inhalation</b>  | : 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. |

## Section 4. First aid measures

- 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. 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 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 effects

- Eye contact** : No known significant effects or critical hazards.
- 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/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Combustible liquid. 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.

## Section 5. Fire-fighting measures

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides  
Hydrogen sulfide
- 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.
- Remark** : Not considered to be a product presenting a risk of explosion.

## 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. 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 containment and cleaning up

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

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name | Exposure limits                                                                                                                                                                                                                                                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-butoxyethanol | <b>ACGIH TLV (United States, 3/2019).</b><br>TWA: 20 ppm 8 hours.<br><b>NIOSH REL (United States, 10/2016).</b><br><b>Absorbed through skin.</b><br>TWA: 5 ppm 10 hours.<br>TWA: 24 mg/m <sup>3</sup> 10 hours.<br><b>OSHA PEL (United States, 5/2018).</b><br><b>Absorbed through skin.</b><br>TWA: 50 ppm 8 hours.<br>TWA: 240 mg/m <sup>3</sup> 8 hours. |

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

## Section 8. Exposure controls/personal protection

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental exposure controls</b> | : 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.                                                                                                                                                                                                                                                                               |
| <b>Individual protection measures</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Hygiene measures</b>                | : 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.                                                                                                                                                                                                                |
| <b>Eye/face protection</b>             | : 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 side-shields.                                                                                                                                                                                                                                                |
| <b>Skin protection</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Hand protection</b>                 | : 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. |
| <b>Body protection</b>                 | : 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.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Other skin protection</b>           | : 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.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Respiratory protection</b>          | : 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

|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>Appearance</b>                |                                  |
| <b>Physical state</b>            | : Liquid. [Clear.]               |
| <b>Color</b>                     | : Green.                         |
| <b>Odor</b>                      | : Ether-like.                    |
| <b>Odor threshold</b>            | : Not available.                 |
| <b>pH</b>                        | : Not available.                 |
| <b>Melting point</b>             | : Not available.                 |
| <b>Boiling point</b>             | : 100°C (212°F)                  |
| <b>Flash point</b>               | : Closed cup: >67.7°C (>153.9°F) |
| <b>Evaporation rate</b>          | : 0.95 (butyl acetate = 1)       |
| <b>Flammability (solid, gas)</b> | : Not applicable.                |

## Section 9. Physical and chemical properties

|                                                     |                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------|
| <b>Lower and upper explosive (flammable) limits</b> | : Not applicable.                                               |
| <b>Vapor pressure</b>                               | : Not available.                                                |
| <b>Vapor density</b>                                | : Not available.                                                |
| <b>Relative density</b>                             | : Not available.                                                |
| <b>Density</b>                                      | : Not available.                                                |
| <b>Solubility</b>                                   | : Soluble in the following materials: cold water and hot water. |
| <b>Solubility in water</b>                          | : Not available.                                                |
| <b>Partition coefficient: n-octanol/water</b>       | : Not available.                                                |
| <b>Auto-ignition temperature</b>                    | : Not applicable.                                               |
| <b>Decomposition temperature</b>                    | : Not available.                                                |
| <b>SADT</b>                                         | : Not available.                                                |
| <b>Viscosity</b>                                    | : Not available.                                                |
| <b>Flow time (ISO 2431)</b>                         | : Not available.                                                |

## Section 10. Stability and reactivity

|                                           |                                                                                                                                                                                             |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.                                                                                                |
| <b>Chemical stability</b>                 | : The product is stable.                                                                                                                                                                    |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.<br>Under normal conditions of storage and use, hazardous polymerization will not occur.                   |
| <b>Conditions to avoid</b>                | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.<br>Do not freeze. |
| <b>Incompatible materials</b>             | : Reactive or incompatible with the following materials:<br>oxidizing materials<br>Reactive or incompatible with the following materials: acids and alkalis.                                |

|                                         |                                                                                                        |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Hazardous decomposition products</b> | : 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 |
|-------------------------|-----------------------|---------|-----------|----------|
| 2-butoxyethanol         | LC50 Inhalation Vapor | Rat     | 450 ppm   | 4 hours  |
|                         | LD50 Dermal           | Rabbit  | 220 mg/kg | -        |
|                         | LD50 Oral             | Rat     | 250 mg/kg | -        |
|                         |                       |         |           |          |



## Section 11. Toxicological information

### Irritation/Corrosion

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

### Sensitization

Not available.

### Mutagenicity

**Conclusion/Summary** : Not available.

### Carcinogenicity

**Conclusion/Summary** : Not available.

### Classification

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| 2-butoxyethanol         | -    | 3    | -   |

### Reproductive toxicity

**Conclusion/Summary** : Not available.

### Teratogenicity

**Conclusion/Summary** : Not available.

### Specific target organ toxicity (single exposure)

| Name            | Category   | Route of exposure | Target organs                |
|-----------------|------------|-------------------|------------------------------|
| 2-butoxyethanol | Category 3 | Not applicable.   | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal, Inhalation.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**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 physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.



## Section 11. Toxicological information

**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 effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards.

**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.

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route               | ATE value  |
|---------------------|------------|
| Oral                | 5000 mg/kg |
| Dermal              | 4400 mg/kg |
| Inhalation (vapors) | 220 mg/l   |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name | Result                               | Species                       | Exposure |
|-------------------------|--------------------------------------|-------------------------------|----------|
| 2-butoxyethanol         | Acute EC50 >1000 mg/l Fresh water    | Daphnia - Daphnia magna       | 48 hours |
|                         | Acute LC50 800000 µg/l Marine water  | Crustaceans - Crangon crangon | 48 hours |
|                         | Acute LC50 1250000 µg/l Marine water | Fish - Menidia beryllina      | 96 hours |

### Persistence and degradability

## Section 12. Ecological information

| Product/ingredient name | Test                                                       | Result         | Dose | Inoculum |
|-------------------------|------------------------------------------------------------|----------------|------|----------|
| 2-butoxyethanol         | 301E Ready Biodegradability - Modified OECD Screening Test | 95 % - 28 days | -    | -        |

  

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

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF  | Potential |
|-------------------------|--------------------|------|-----------|
| 2-butoxyethanol         | 0.81               | <100 | low       |

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

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

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. 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                                                               | UN3082                                                               | UN3082                                                               |
| UN proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (sodium nitrite) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (sodium nitrite) | Environmentally hazardous substance, liquid, n.o.s. (sodium nitrite) |
|                         |                                                                      |                                                                      |                                                                      |

## Section 14. Transport information

|                            |                                            |                                            |                                            |
|----------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Transport hazard class(es) | 9<br><br>Corrosive (C) and Environment (E) | 9<br><br>Corrosive (C) and Environment (E) | 9<br><br>Corrosive (C) and Environment (E) |
| Packing group              | III                                        | III                                        | III                                        |
| Environmental hazards      | Yes.                                       | Yes.                                       | Yes.                                       |

### Additional information

#### DOT Classification

: Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. This product is not regulated as a hazardous material when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of §§ 173.24 and 173.24a.

**Limited quantity** Yes.

**Packaging instruction** Exceptions: 155. Non-bulk: 203. Bulk: 241.

**Special provisions** 8, 146, 173, 335, IB3, T4, TP1, TP29

#### IMDG

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

**Emergency schedules** F-A, S-F

**Special provisions** 274, 335, 969

**IMDG Code Segregation group** SGG12 - Nitrites and their mixtures

#### IATA

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

**Quantity limitation** Passenger and Cargo Aircraft: 450 L. Packaging instructions: 964.

Cargo Aircraft Only: 450 L. Packaging instructions: 964. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y964.

**Special provisions** A97, A158, A197

#### 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.

#### Transport in bulk according to Annex II of MARPOL and the IBC Code

: Not available.

## Section 15. Regulatory information

#### U.S. Federal regulations

: **TSCA 5(a)2 final significant new use rules:** sodium nitrite

**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined

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

**Clean Water Act (CWA) 307:** copper

**Clean Water Act (CWA) 311:** sodium nitrite; potassium hydroxide

## Section 15. Regulatory information

**Clean Air Act Section 112** : Listed

**(b) Hazardous Air Pollutants (HAPs)**

**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

### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : FLAMMABLE LIQUIDS - Category 4

#### Composition/information on ingredients

| Name            | %   | Classification                                                                                                                                                                                                                                                                                                           |
|-----------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-butoxyethanol | <10 | FLAMMABLE LIQUIDS - Category 4<br>ACUTE TOXICITY (oral) - Category 3<br>ACUTE TOXICITY (dermal) - Category 3<br>ACUTE TOXICITY (inhalation) - Category 4<br>SKIN IRRITATION - Category 2<br>EYE IRRITATION - Category 2A<br>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |

### SARA 313

|                                        | Product name    | CAS number | %   |
|----------------------------------------|-----------------|------------|-----|
| <b>Form R - Reporting requirements</b> | 2-butoxyethanol | 111-76-2   | <10 |
| <b>Supplier notification</b>           | 2-butoxyethanol | 111-76-2   | <10 |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

**Massachusetts** : The following components are listed: 2-BUTOXYETHANOL; BUTYL CELLOSOLVE

**New York** : None of the components are listed.

**New Jersey** : The following components are listed: 2-BUTOXY ETHANOL; BUTYL CELLOSOLVE

**Pennsylvania** : The following components are listed: ETHANOL, 2-BUTOXY-

### California Prop. 65

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

### International regulations

## Section 15. Regulatory information

### [Chemical Weapon Convention List Schedules I, II & III Chemicals](#)

Not listed.

### [Montreal Protocol](#)

Not listed.

### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

### [UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

|                  |   |   |
|------------------|---|---|
| Health           | / | 0 |
| Flammability     |   | 2 |
| Physical hazards |   | 0 |
|                  |   |   |

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 \(U.S.A.\)](#)



Reprinted with permission from NFPA 704, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

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.

### [Procedure used to derive the classification](#)

Section 16. Other information

| Classification     | Justification         |
|--------------------|-----------------------|
| Flam. Liq. 4, H227 | On basis of test data |

History

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of issue/Date of revision | : 12/26/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of previous issue         | : No previous validation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Version                        | : 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Key to abbreviations           | : ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>UN = United Nations |
| References                     | : HCS (U.S.A.)- Hazard Communication Standard<br>International transport regulations                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

 Indicates information that has changed from previously issued version.

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.