



## Safety Data Sheet

Prepared in Accordance with HCS 29  
C.F.R. 1910.1200

### 1. Identification of the Substance/Mixture and the Company/Undertaking

|  |  |                         |            |
|--|--|-------------------------|------------|
| <b>1.1 Product Identifier</b>  | 0988B1NL   | <b>Revision Date:</b>   | 07/21/2023 |
| <b>Product Name:</b>   | CARBOGUARD 893<br>PART B   | <b>Supersedes Date:</b> | 05/11/2023 |
| <b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b> | Component of multicomponent industrial coatings - Industrial use.  |                         |            |
| <b>1.3 Details of the supplier of the safety data sheet</b>                              | <p><b>Manufacturer:</b> Carboline Global Inc.<br/>2150 Schuetz Road<br/>St. Louis, MO USA 63146</p> <p>Regulatory / Technical Information:<br/>Contact Carboline Technical Services at<br/>1-800-848-4645</p> <p><b>Datasheet Produced by:</b> Schlereth, Ken - regulatory@carboline.com</p> |                         |            |
| <b>1.4 Emergency telephone number:</b>   | CHEMTREC 1-800-424-9300 (Inside US)<br>CHEMTREC +1 703 5273887 (Outside US)<br>HEALTH - Pittsburgh Poison Control 1-412-681-6669   |                         |            |

### 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

Hazardous to the aquatic environment, Chronic, category 3  
 Carcinogenicity, category 1A  
 Serious Eye Damage, category 1  
 Flammable Liquid, category 2  
 Reproductive Toxicity, category 1A  
 STOT, repeated exposure, category 1  
 Skin Irritation, category 2  
 Skin Sensitizer, category 1

## 2.2 Label elements

### Symbol(s) of Product



### Signal Word

Danger

### Named Chemicals on Label

1,2-CYCLOHEXANEDIAMINE, POLYOXYPROPYLENEDIAMINE, MICROCRYSTALLINE SILICA

### HAZARD STATEMENTS

|   |         |   |
|---|---------|---|
| Flammable Liquid, category 2                              | H225    | Highly flammable liquid and vapour.                             |
| Skin Irritation, category 2                               | H315    | Causes skin irritation.   |
| Skin Sensitizer, category 1                               | H317    | May cause an allergic skin reaction.                            |
| Serious Eye Damage, category 1                            | H318    | Causes serious eye damage.                                      |
| Carcinogenicity, category 1A                              | H350-1A | May cause cancer.   |
| Reproductive Toxicity, category 1A                        | H360-1A | May damage fertility or the unborn child.                       |
| STOT, repeated exposure, category 1                       | H372    | Causes damage to organs through prolonged or repeated exposure. |
| Hazardous to the aquatic environment, Chronic, category 3 | H412    | Harmful to aquatic life with long lasting effects.              |

### PRECAUTION PHRASES

|              |   |
|--------------|---|
| P201         | Obtain special instructions before use.   |
| P202         | Do not handle until all safety precautions have been read and understood.   |
| P210         | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  |
| P235         | Keep cool.  |
| P260         | Do not breathe dust/fume/gas/mist/vapours/spray.  |
| P264         | Wash hands thoroughly after handling.   |
| P273         | Avoid release to the environment.   |
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P284         | Wear respiratory protection.  |
| P301+310     | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.   |
| P302+352     | IF ON SKIN: Wash with plenty of soap and water.   |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P308+313     | IF exposed or concerned: Get medical advice/attention   |
| P308+P313    | IF exposed or concerned: Get medical advice/attention   |
| P314         | Get medical advice/attention if you feel unwell.  |
| P333+313     | If skin irritation or rash occurs: Get medical advice/attention.  |
| P403+233     | Store in a well-ventilated place. Keep container tightly closed.  |
| P501         | Dispose of contents/container to waste treatment/disposal facility in accordance with local, state, and federal regulations.        |

### ADDITIONAL INFORMATION

|                      |  |
|----------------------|--|
| Note_P<br>64742-95-6 | Note P : The classification as a carcinogen or mutagen need not apply; the substance, CAS 64742-95-6, contains less than 0,1 % w/w benzene |
|----------------------|--|

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**3. Composition/Information On Ingredients****3.2 Mixtures****Hazardous ingredients**

| <u>Name According to EEC</u>     | <u>EINEC No.</u> | <u>CAS-No.</u> | <u>%</u>   | <u>Classifications</u>                   |   |
|----------------------------------|------------------|----------------|------------|--|---|
| MICROCRYSTALLINE SILICA          | 238-878-4        | 14808-60-7     | 50 - <75   | H350-372                                 | Carc. 1A, STOT RE 1   |
| TOLUENE                          | 203-625-9        | 108-88-3       | 2.5 - <10  | H225-304-315-319-332-335-336-361-370-412 | Acute Tox. 4 Inhalation, Aquatic Chronic 3, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 1, STOT SE 3 NE, STOT SE 3 RTI |
| ISOPROPANOL                      | 200-661-7        | 67-63-0        | 2.5 - <10  | H225-319-336                             | Eye Irrit. 2, Flam. Liq. 2, STOT SE 3 NE  |
| ETHYL ALCOHOL                    | 200-578-6        | 64-17-5        | 2.5 - <10  | H225                                     | Flam. Liq. 2  |
| AROMATIC HYDROCARBON             | 265-199-0        | 64742-95-6     | 2.5 - <10  | H226-304-315-319-331-335-336-351-411     | Acute Tox. 3 Inhalation, Aquatic Chronic 2, Asp. Tox. 1, Carc. 2, Eye Irrit. 2, Flam. Liq. 3, Skin Irrit. 2, STOT SE 3 NE, STOT SE 3 RTI            |
| POLYSTYRENE                      | 500-008-9        | 9003-53-6      | 2.5 - <10  | H360                                     |   |
| BENZYL ALCOHOL                   | 202-859-9        | 100-51-6       | 2.5 - <10  | H302-312-319-332                         | Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Acute Tox. 4 Oral, Eye Irrit. 2   |
| POLYOXYPROPYLENE DIAMINE         | 618-561-0        | 9046-10-0      | 2.5 - <10  | H302-314-411                             | Acute Tox. 4 Oral, Aquatic Chronic 2, Skin Corr. 1  |
| 1,2-CYCLOHEXANEDIAMINE           | 211-776-7        | 694-83-7       | 1.0 - <2.5 | H302-312-314-317                         | Acute Tox. 4 Dermal, Acute Tox. 4 Oral, Skin Corr. 1, Skin Sens. 1  |
| MODIFIED UREA-FORMALDEHYDE RESIN |                  | PROPRIETARY    | 1.0 - <2.5 | H413                                     | Aquatic Chronic 4   |

| <u>CAS-No.</u> | <u>M-Factors</u> |
|----------------|------------------|
| 14808-60-7     | 0                |
| 108-88-3       | 0                |
| 67-63-0        | 0                |
| 64-17-5        | 0                |
| 64742-95-6     | 0                |
| 9003-53-6      | 0                |
| 100-51-6       | 0                |
| 9046-10-0      | 0                |
| 694-83-7       | 0                |
| PROPRIETARY    | 0                |

**Additional Information:** The text for GHS Hazard Statements shown above (if any) is given in Section 16.

## 4. First-aid Measures

### 4.1 Description of First Aid Measures

**AFTER INHALATION:** Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

**AFTER SKIN CONTACT:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation persists, call a physician.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**AFTER INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control centre or doctor immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed. May cause sensitization by skin contact. Irritating to eyes and skin. Risk of serious damage to the lungs (by aspiration). Vapours may cause drowsiness and dizziness.

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

When symptoms persist or in all cases of doubt seek medical advice.

## 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable liquid. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Provide adequate ventilation. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Electrical installations / working materials must comply with the technological safety standards. Wear shoes with conductive soles.

**FOR SAFETY REASONS NOT TO BE USED:** Do not use a solid water stream as it may scatter and spread fire.

### 5.2 Special hazards arising from the substance or mixture

No Information

### 5.3 Advice for firefighters

**SPECIAL FIREFIGHTING PROCEDURES:** In the event of fire, wear self-contained breathing apparatus. Cool containers / tanks with water spray. Flammable. Evacuate personnel to safe areas. Use NIOSH approved respiratory protection. Use water spray to cool unopened containers.

**SPECIAL FIREFIGHTING PROTECTION EQUIPMENT:** No Information

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. For personal protection see section 8.

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

**6.3 Methods and material for containment and cleaning up**

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**6.4 Reference to other sections**

No Information

**7. Handling and Storage****7.1 Precautions for safe handling**

**INSTRUCTIONS FOR SAFE HANDLING :** Keep containers dry and tightly closed to avoid moisture absorption and contamination. Prepare the working solution as given on the label(s) and/or the user instructions. Do not breathe vapours or spray mist. Ensure all equipment is electrically grounded before beginning transfer operations. Do not use sparking tools. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation/personal protection. Wash thoroughly after handling.

**PROTECTION AND HYGIENE MEASURES :** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

**7.2 Conditions for safe storage, including any incompatibilities**

**CONDITIONS TO AVOID:** Heat, flames and sparks.

**STORAGE CONDITIONS:** Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

**7.3 Specific end use(s)**

The mixing and application to be in accordance with the technical data sheets.

**8. Exposure Controls/Personal Protection****8.1 Control parameters****Ingredients with Occupational Exposure Limits (US)**

| <u>Name</u>                      | <u>CAS-No.</u> | <u>ACGIH TWA</u> | <u>ACGIH STEL</u> | <u>ACGIH Ceiling</u> |
|----------------------------------|----------------|------------------|-------------------|----------------------|
| MICROCRYSTALLINE SILICA          | 14808-60-7     | 0.025 MGM3       | N/E               | N/E                  |
| TOLUENE                          | 108-88-3       | 20 PPM           | N/E               | N/E                  |
| ISOPROPANOL                      | 67-63-0        | 200 PPM          | 400 PPM           | N/E                  |
| ETHYL ALCOHOL                    | 64-17-5        | N/E              | 1000 PPM          | N/E                  |
| AROMATIC HYDROCARBON             | 64742-95-6     | 300.0 PPM        | N/E               | N/E                  |
| POLYSTYRENE                      | 9003-53-6      | N/E              | N/E               | N/E                  |
| BENZYL ALCOHOL                   | 100-51-6       | N/E              | N/E               | N/E                  |
| POLYOXYPROPYLENEDIAMINE          | 9046-10-0      | N/E              | N/E               | N/E                  |
| 1,2-CYCLOHEXANEDIAMINE           | 694-83-7       | N/E              | N/E               | N/E                  |
| MODIFIED UREA-FORMALDEHYDE RESIN | PROPRIETARY    | N/E              | N/E               | N/E                  |

| <u>Name</u>             | <u>CAS-No.</u> | <u>OSHA PEL</u>   | <u>OSHA STEL</u>   |
|-------------------------|----------------|-------------------|--------------------|
| MICROCRYSTALLINE SILICA | 14808-60-7     | 0.05 MGM3         | N/E                |
| TOLUENE                 | 108-88-3       | 200 ppm           | 560 MGM3, 150 PPM  |
| ISOPROPANOL             | 67-63-0        | 980 MGM3, 400 PPM | 1225 MGM3, 500 PPM |

|                                  |             |                     |     |
|----------------------------------|-------------|---------------------|-----|
| ETHYL ALCOHOL                    | 64-17-5     | 1900 MGM3, 1000 PPM | N/E |
| AROMATIC HYDROCARBON             | 64742-95-6  | 500.0 PPM           | N/E |
| POLYSTYRENE                      | 9003-53-6   | N/E                 | N/E |
| BENZYL ALCOHOL                   | 100-51-6    | N/E                 | N/E |
| POLYOXYPROPYLENEDIAMINE          | 9046-10-0   | N/E                 | N/E |
| 1,2-CYCLOHEXANEDIAMINE           | 694-83-7    | N/E                 | N/E |
| MODIFIED UREA-FORMALDEHYDE RESIN | PROPRIETARY | N/E                 | N/E |

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

## 8.2 Exposure controls

### Personal Protection

**RESPIRATORY PROTECTION:** In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Use only with ventilation to keep levels below exposure guidelines reported in this document. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use State or federally approved supplied air respirator. For silica containing coatings in a liquid state, and/or if no exposure limits are established above, air-supplied respirators are generally not required.

**EYE PROTECTION:** Safety glasses with side-shields.

**HAND PROTECTION:** Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier. Lightweight protective clothing

**OTHER PROTECTIVE EQUIPMENT:** Ensure that eyewash stations and safety showers are close to the workstation location.

**ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

|   |                              |
|---|------------------------------|
| <b>Appearance:</b>                                  | Viscous, Amber Liquid        |
| <b>Physical State</b>                               | Liquid                       |
| <b>Odor</b>   | Solvent                      |
| <b>Odor threshold</b>                               | N/D                          |
| <b>pH</b>   | N/D                          |
| <b>Melting point / freezing point (°C)</b>          | N/D                          |
| <b>Boiling point/range (°C)</b>                     | 149 F (65 C) - 500 F (260 C) |
| <b>Flash Point (°C)</b>                             | 59F (15C)                    |
| <b>Evaporation rate</b>                             | Slower than Ether            |
| <b>Flammability (solid, gas)</b>                    | Not determined               |
| <b>Upper/lower flammability or explosive limits</b> | 0.5 - 36.0                   |

|  |                  |
|--|------------------|
| Vapour Pressure, mmHg                  | N/D              |
| Vapour density                         | Heavier than Air |
| Relative density                       | Not determined   |
| Solubility in / Miscibility with water | N/D              |
| Partition coefficient: n-octanol/water | Not determined   |
| Auto-ignition temperature (°C)         | Not determined   |
| Decomposition temperature (°C)         | Not determined   |
| Viscosity                              | Unknown          |
| Explosive properties                   | Not determined   |
| Oxidising properties                   | Not determined   |

## 9.2 Other information

|                                       |      |
|---------------------------------------|------|
| VOC Content g/l:                      | 195  |
| Specific Gravity (g/cm <sup>3</sup> ) | 1.52 |

# 10. Stability and Reactivity

## 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

## 10.2 Chemical stability

Stable under normal conditions.

## 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

## 10.4 Conditions to avoid

Heat, flames and sparks.

## 10.5 Incompatible materials

Strong oxidizing agents.

## 10.6 Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity:

Oral LD50: N/D

Inhalation LC50: N/D

Irritation: Skin Irritation, category 2

Corrosivity: Serious Eye Damage, category 1

Sensitization: Skin Sensitizer, category 1

Repeated dose toxicity: Unknown

Carcinogenicity: Carcinogenicity, category 1A

Mutagenicity: Unknown

Toxicity for reproduction: Reproductive Toxicity, category 1A

STOT-single exposure: Unknown

STOT-repeated exposure: STOT, repeated exposure, category 1

Aspiration hazard: Unknown

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u>    | <u>Oral LD50</u>         | <u>Dermal LD50</u>             | <u>Vapor LC50</u>                       | <u>Gas LC50</u> | <u>Dust/Mist LC50</u> |
|----------------|-------------------------|--------------------------|--------------------------------|---|-----------------|-----------------------|
| 14808-60-7     | MICROCRYSTALLINE SILICA | 22500 mg/kg              | No Information                 | No Informaiton                          | No Information  | No Information        |
| 108-88-3       | TOLUENE                 | 5000 mg/kg<br>rat oral   | 12267 mg/kg,<br>dermal, rabbit | 8000 ppm/4<br>hrs, rat,<br>inhalation   | No Information  | No Information        |
| 67-63-0        | ISOPROPANOL             | 4720 mg/kg<br>rat, oral  | 12800 mg/kg,<br>dermal, rabbit | 22500<br>ppm/8hrs rat,<br>inhalation    | 0.000           | 0.000                 |
| 64-17-5        | ETHYL ALCOHOL           | 7060 mg/kg,<br>oral, rat | No Information                 | 20000<br>ppm/10 hrs,<br>rat, inhalation | No Information  | No Information        |
| 64742-95-6     | AROMATIC HYDROCARBON    | 2001 mg/kg,<br>rat       | 2001 mg/kg,<br>rabbit          | 9 mg/l, rat,<br>4hr                     | 0.000           | 0.000                 |
| 9003-53-6      | POLYSTYRENE             | Not Available            |                                | Not Available                           | 0.000           | 0.000                 |
| 100-51-6       | BENZYL ALCOHOL          | 1230 mg/kg<br>rat, oral  | 2000 mg/kg,<br>dermal, rabbit  | 4176 mg/l /<br>4h, Inh, Rat             | No Information  | No Information        |
| 9046-10-0      | POLYOXYPROPYLENEDIAMINE | 475 mg/kg,<br>oral, rat  | 2090 mg/kg,<br>dermal, rabbit  | Not Available                           | 0.000           | 0.000                 |
| 694-83-7       | 1,2-CYCLOHEXANEDIAMINE  | 1170 mg/kg,<br>rat, oral | 1870 mg/kg,<br>dermal, rat     | Not Available                           | 0.000           | 0.000                 |

PROPRIETARMODIFIED UREA-  
Y FORMALDEHYDE RESIN

5000 mg/kg,  
oral, rat

Not Available 0.000

0.000

#### Additional Information:

Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form or progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group 1 carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. Constituents may also include abestiform or non-asbestiform tremolite or other silicates as impurities, and above dei minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

## 12. Ecological Information

### 12.1 Toxicity:

EC50 48hr (Daphnia): Unknown

IC50 72hr (Algae): Unknown

LC50 96hr (fish): Unknown

12.2 Persistence and degradability: Unknown

12.3 Bioaccumulative potential: Unknown

12.4 Mobility in soil: Unknown

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/vPvB in accordance with Annex XIII.

12.6 Other adverse effects: Unknown

| CAS-No.         | Chemical Name                    | EC50 48hr                  | IC50 72hr                            | LC50 96hr                      |
|-----------------|----------------------------------|----------------------------|--------------------------------------|--------------------------------|
| 14808-60-7      | MICROCRYSTALLINE SILICA          | No information             | No information                       | No information                 |
| 108-88-3        | TOLUENE                          | 6 mg/l (Daphnia magna)     | 12.5 mg/L (Algae)                    | 5.8 mg/L (Fish)                |
| 67-63-0         | ISOPROPANOL                      | 13299 mg/l (Daphnia Magna) | >1000 m/gL (desmodesmus subspicatus) | 9640 mg/L (pimphales promelas) |
| 64-17-5         | ETHYL ALCOHOL                    | 2 mg/l (Daphnia Magna)     | No information                       | 42 mg/l (fish)                 |
| 64742-95-6      | AROMATIC HYDROCARBON             | No information             | No information                       | No information                 |
| 9003-53-6       | POLYSTYRENE                      | No information             | No information                       | No information                 |
| 100-51-6        | BENZYL ALCOHOL                   | 230 mg/l (Daphnia)         | 700 mg/l (Algae)                     | 10 mg/l (Fish)                 |
| 9046-10-0       | POLYOXYPROPYLENEDIAMINE          | No information             | No information                       | No information                 |
| 694-83-7        | 1,2-CYCLOHEXANEDIAMINE           | 19.8 mg/l (Daphnia)        | 29.6 mg/l (Algae)                    | No information                 |
| PROPRIETAR<br>Y | MODIFIED UREA-FORMALDEHYDE RESIN | No information             | No information                       | No information                 |

## 13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

|      |  |          |
|------|--|----------|
| 14.1 | UN number  | UN 1263  |
| 14.2 | UN proper shipping name  | Paint    |
|      | Technical name   | N/A      |
| 14.3 | Transport hazard class(es)   | 3        |
|      | Subsidiary shipping hazard   | N/A      |
| 14.4 | Packing group  | II       |
| 14.5 | Environmental hazards  | Unknown  |
| 14.6 | Special precautions for user   | Unknown  |
|      | EmS-No.:   | F-E, S-E |
| 14.7 | Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code | Unknown  |

## 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

### U.S. Federal Regulations: As follows -

#### CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No SARA 313 substances exist in this product above de minimis concentrations.

#### Toxic Substances Control Act:

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

### U.S. State Regulations: As follows -

#### New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

#### Chemical Name

#### CAS-No.

No NJ Right-To-Know components exist in this product.

**Pennsylvania Right-To-Know**

The following non-hazardous ingredients are present in the product at greater than 3%.

| <u>Chemical Name</u>    | <u>CAS-No.</u> |
|-------------------------|----------------|
| BRANCHED CHAIN ALKYLATE | 68512-02-7     |

**CALIFORNIA PROPOSITION 65**

WARNING: Cancer and Reproductive Harm -- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**International Regulations: As follows -****\* Canadian DSL:**

This product contains one or several components listed in the Canadian NDSL list.

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**16. Other Information****Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

|      |   |
|------|---|
| H225 | Highly flammable liquid and vapour.                             |
| H226 | Flammable liquid and vapour.                                    |
| H302 | Harmful if swallowed.   |
| H304 | May be fatal if swallowed and enters airways.                   |
| H312 | Harmful in contact with skin.                                   |
| H314 | Causes severe skin burns and eye damage.                        |
| H315 | Causes skin irritation.   |
| H317 | May cause an allergic skin reaction.                            |
| H319 | Causes serious eye irritation.                                  |
| H331 | Toxic if inhaled.   |
| H332 | Harmful if inhaled.   |
| H335 | May cause respiratory irritation.                               |
| H336 | May cause drowsiness or dizziness.                              |
| H350 | May cause cancer.   |
| H351 | Suspected of causing cancer.                                    |
| H360 | May damage fertility or the unborn child.                       |
| H361 | Suspected of damaging fertility or the unborn child.            |
| H370 | Causes damage to organs.  |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects.                |
| H412 | Harmful to aquatic life with long lasting effects.              |
| H413 | May cause long lasting harmful effects to aquatic life.         |

**Reasons for revision**

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.