

## SECTION 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

**Product Names:** Accufoam CC Winter; Accufoam CC Regular; Accufoam CC Summer; and Accufoam CC Summer Plus

### 1.2 INTENDED USE OF THE PRODUCT

**Use of the Substance/Mixture:** Closed-cell insulation for commercial and residential use.

### 1.3 NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY COMPANY

Creative Polymer Solutions, LLC.  
2720 Southeastern Circle, Birmingham, AL 35215  
205-440-4996  
www.accufoam.com

### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Number:** CHEMTREC: 800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE


#### GHS-US Classification

|                   |      |
|-------------------|------|
| Skin Irrit. 2     | H315 |
| Eye Dam. 1        | H318 |
| Carc. 2           | H351 |
| Repr. 2           | H361 |
| STOT RE 2         | H373 |
| Aquatic Chronic 3 | H412 |

Full text of hazard classes and H-statements: see section 16

### 2.2 LABEL ELEMENTS

#### GHS-US Labeling

|                                   |   |
|-----------------------------------|---|
| <b>HAZARD PICTOGRAMS (GHS-US)</b> |    |
| <b>SIGNAL WORD (GHS-US)</b>       | Danger  |
| <b>HAZARD STATEMENTS (GHS-US)</b> | <p>H302 - Harmful if swallowed.</p> <p>H314 - Causes severe skin burns and eye damage.</p> <p>H318 - Causes serious eye damage</p> <p>H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral route of exposure)</p> |

### PRECAUTIONARY STATEMENTS (GHS-US)

P301+P316 - IF SWALLOWED: Rinse mouth. Get emergency medical help immediately.

P302+P361+P354 - IF ON SKIN: Take off immediately all contaminated clothing, immediately rinse with water for several minutes.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P354 + P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P316 Get emergency medical help immediately.

P331 Do NOT induce vomiting.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### 2.3 OTHER HAZARDS

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### 2.4 UNKNOWN ACUTE TOXICITY (GHS-US)

No Available Data

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCE

Not Applicable

**3.2 MIXTURE**

| CHEMICAL NAME   | CAS NUMBER                            | %*    |
|---|---------------------------------------|-------|
| Proprietary polyester resin (75-95%)<br>2,2'-oxybisethanol (10-15%)<br>diethylene glycol, dioxane (0.1-0.5%)          | Not Available<br>111-46-6<br>123-91-1 | 10-20 |
| Oxirane, 2-methyl-, polymer with oxirane ether with 2,6-bis[[bis-(2-hydroxyethyl)amino]methyl]-4-branched nonylphenol | 940912-28-7<br>34354-45-5             | 10-20 |
| 2-Dimethylaminoethanol  | 108-01-0                              | 1-5   |
| Bis(3-dimethylaminopropyl)-n,n-dimethylpropanediamine   | 33329-35-0                            | 1-5   |
| Tris(1-chloro-2-propyl) phosphate   | 13674-84-5                            | 10-20 |
| Propane, 1, 1, 1, 2, 3, 3, 3-heptafluoro- (5-10%)   | 431-89-0                              | 2-12  |
| Tertiary amine catalyst (>25%)<br>ethylene glycol (>25%)  | Not Available<br>107-21-1             | 0-7   |

Full text of H-phrases: see section 16

\*The exact percentage of composition has been withheld as a trade secret [29 CFR 1910.1200].

**SECTION 4: FIRST AID MEASURES**
**4.1 DESCRIPTION OF FIRST AID MEASURES**

**First-aid measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention.

**First-aid Measures After Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED**

**Symptoms/Injuries:** May cause damage to organs through prolonged or repeated exposure. Suspected of damaging fertility or the unborn child. Causes skin irritation. Suspected of causing cancer. Causes serious eye damage.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

**SECTION 5: FIRE-FIGHTING MEASURES**
**5.1 EXTINGUISHING MEDIA**

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**5.3 ADVICE FOR FIREFIGHTERS**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Black smoke. Acrid smoke and irritating fumes.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**
**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

**6.1.1 FOR NON-EMERGENCY PERSONNEL**

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

**6.1.2 FOR EMERGENCY PERSONNEL**

**Protective Equipment:**

Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Prevent entry to sewers and public waters. Avoid release to the environment.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Precautions for Safe Handling:** Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, fumes, mist, or spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. reactive metals (Al, K, Zn ...). Isocyanates.

### 7.3 SPECIFIC END USE(S)

Closed cell insulation, for professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

#### Diethylene glycol (111-46-6)

|          |                               |                      |
|----------|-------------------------------|----------------------|
| USA AIHA | WEEL TWA (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup> |
|----------|-------------------------------|----------------------|

#### 1,4-Dioxane (123-91-1)

|           |  |  |
|-----------|--|--|
| USA ACGIH | ACGIH TWA (ppm)                          | 20 ppm   |
| USA ACGIH | ACGIH chemical category                  | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA NIOSH | NIOSH REL (ceiling) (mg/m <sup>3</sup> ) | 3.6 mg/m <sup>3</sup>  |
| USA NIOSH | NIOSH REL (ceiling) (ppm)                | 1 ppm  |
| USA IDLH  | US IDLH (ppm)                            | 500 ppm  |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 360 mg/m <sup>3</sup>  |
| USA OSHA  | OSHA PEL (TWA) (ppm)                     | 100 ppm  |
| USA OSHA  | Limit value category (OSHA)              | prevent or reduce skin absorption  |

#### Triethyl phosphate (78-40-0)

|          |                               |                        |
|----------|-------------------------------|------------------------|
| USA AIHA | WEEL TWA (mg/m <sup>3</sup> ) | 7.45 mg/m <sup>3</sup> |
|----------|-------------------------------|------------------------|

#### cis-1,1,1,4,4,4-Hexafluoro-2-butene (692-49-9)

|          |                               |                        |
|----------|-------------------------------|------------------------|
| USA AIHA | WEEL TWA (mg/m <sup>3</sup> ) | 3350 mg/m <sup>3</sup> |
| USA AIHA | WEEL TWA (ppm)                | 500 ppm                |

### 8.2 EXPOSURE CONTROLS

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen-deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

|  |                   |
|--|-------------------|
| Physical State                         | Liquid            |
| Appearance                             | Light Brown       |
| Odor                                   | Slight Amine      |
| Flash Point (F)                        | 95.9              |
| Relative Density                       | 1.14              |
| Solubility                             | No Data Available |
| Partition Coefficient: N-Octanol/Water | No Data Available |
| Viscosity (cPs)                        | 720               |

### 9.2 OTHER INFORMATION

No Additional Information available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY:

Hazardous reactions will not occur under normal conditions.

### 10.2 CHEMICAL STABILITY:

Stable under recommended handling and storage conditions (see section 7).

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization will not occur.

### 10.4 CONDITIONS TO AVOID:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

### 10.5 INCOMPATIBLE MATERIALS:

Strong acids, strong bases, strong oxidizers. reactive metals (Al, K, Zn ...). Isocyanates.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon oxides (CO, CO<sub>2</sub>). Phosphorus oxides. Nitrogen oxides. Hydrochloric acid fumes may be generated. Hydrogen bromide. Phosphine. aldehydes, ketones. Acrid smoke and irritating fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION**
**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**Acute Toxicity:** Not Classified

**Diethylene glycol (111-46-6)**

|                     |   |
|---------------------|---|
| LD50 Oral Rat       | 1120 mg/kg                                    |
| LD50 Dermal Rabbit  | 11890 mg/kg                                   |
| LC50 Inhalation Rat | > 4600 mg/m <sup>3</sup> (Exposure time: 4 h) |
| ATE (Dermal)        | 11,890.00 mg/kg body weight                   |

**1,4-Dioxane (123-91-1)**

|                     |                              |
|---------------------|------------------------------|
| LD50 Oral Rat       | 5170 mg/kg                   |
| LD50 Dermal Rabbit  | 7600 mg/kg                   |
| LC50 Inhalation Rat | 46 mg/l (Exposure time: 2 h) |
| LC50 Inhalation Rat | 32.5 mg/l/4h                 |

**Triethyl phosphate (78-40-0)**

|                     |   |
|---------------------|---|
| LD50 Oral Rat       | 1100 - 1600 mg/kg                             |
| LD50 Dermal Rabbit  | >20 g/kg                                      |
| LC50 Inhalation Rat | > 8187 mg/m <sup>3</sup> (Exposure time: 4 h) |

**1,3-Propanediamine, N,N-bis[3-(dimethylamino)propyl]-N',N'-dimethyl- (33329-35-0)**

|            |                          |
|------------|--------------------------|
| ATE (Oral) | 500.00 mg/kg body weight |
|------------|--------------------------|

**cis-1,1,1,4,4,4-Hexafluoro-2-butene (692-49-9)**

|                     |               |
|---------------------|---------------|
| LC50 Inhalation Rat | > 690 mg/l/4h |
|---------------------|---------------|

**1,2-Propanediol, polymer with ethyloxirane and oxirane, potassium salt (134737-27-2)**

|            |                          |
|------------|--------------------------|
| ATE (Oral) | 500.00 mg/kg body weight |
|------------|--------------------------|

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Suspected of causing cancer.

**1,4-Dioxane (123-91-1)**

|   |   |
|---|---|
| IARC group                                | 2B  |
| National Toxicology Program (NTP) Status  | Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen. |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list.                               |

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning,

dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer.

**SECTION 12: ECOLOGICAL INFORMATION**
**12.1 TOXICITY**

**Ecology-General:** Harmful to aquatic life with long lasting effects

**Diethylene glycol (111-46-6)**

|                |  |
|----------------|--|
| LC50 Fish 1    | 75200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 84000 mg/l (Exposure time: 48 h - Species: Daphnia magna)                      |

**1,4-Dioxane (123-91-1)**

|                |   |
|----------------|---|
| LC50 Fish 1    | 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])      |
| EC50 Daphnia 1 | 163 mg/l (Exposure time: 48 h - Species: water flea [Static])                 |
| LC50 Fish 2    | 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [semi-static]) |

**2-Propanol, 1-chloro-, phosphate (3:1) (13674-84-5)**

|                    |  |
|--------------------|--|
| LC50 Fish 1        | 56.2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])    |
| EC50 Daphnia 1     | 63 mg/l (Exposure time: 48 h - Species: Daphnia magna)                   |
| LC50 Fish 2        | 98 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])    |
| ErC50 (Algae)      | 82 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata) |
| NOEC Chronic Algae | 6 mg/l   |

**2-(Dimethylamino)ethanol (108-01-0)**

|                |   |
|----------------|---|
| LC50 Fish 1    | 81 mg/l (Exposure time: 96 h - Species: Pimephales promelas (static)) |
| EC50 Daphnia 1 | 98.77 mg/l (Exposure time: 48 h - Species: Daphnia magna)             |
| ErC50 (Algae)  | 35 mg/l   |

**12.2 PERSISTENCE AND DEGRADABILITY**
**Accufoam CC**

**Persistence and Degradability:** May cause long-term adverse effects in the environment.

**12.3 BIOACCUMULATIVE POTENTIAL**
**Accufoam CC**

|                           |                 |
|---------------------------|-----------------|
| Bioaccumulative Potential | Not established |
|---------------------------|-----------------|

**Diethylene glycol (111-46-6)**

|            |                  |
|------------|------------------|
| BCF Fish 1 | 100 - 180        |
| Log Pow    | -1.98 (at 25 °C) |

**1,4-Dioxane (123-91-1)**

|            |           |
|------------|-----------|
| BCF Fish 1 | 0.2 - 0.7 |
| Log Pow    | -0.42     |

**Triethyl phosphate (78-40-0)**

|         |            |
|---------|------------|
| Log Pow | 0.8 - 1.11 |
|---------|------------|

**2-Propanol, 1-chloro-, phosphate (3:1) (13674-84-5)**

|            |           |
|------------|-----------|
| BCF Fish 1 | 1.9 - 4.6 |
| Log Pow    | 2.59      |

**2-(Dimethylamino)ethanol (108-01-0)**

|         |                  |
|---------|------------------|
| Log Pow | -0.55 (at 23 °C) |
|---------|------------------|

**12.4 MOBILITY IN SOIL**

No additional information available

**12.5 OTHER ADVERSE EFFECTS**

**Other Adverse Effects:** This product may degrade to yield endocrine disruptor(s).

**Other Information:** Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**
**13.1 WASTE TREATMENT METHODS**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology- Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

**SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**14.1 IN ACCORDANCE WITH DOT**

**Not regulate except in bulk. Bulk containers (>5,000 lbs) must be transported as:**

UN3082, Environmentally Hazardous Substance, Liquid, NOS, Class 9, PGIII

**Proper Shipping Name:** UN2083, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains 1,4-Dioxane), g, PG III

**Hazard Class:** 9

**Identification Number:** NA3082

**Label Codes:** 9

**Packing Group:** III

**ERG Number:** 171


**14.2 IN ACCORDANCE WITH IMDG**

Not regulated for transport

**14.3 IN ACCORDANCE WITH IATA**

Not regulated for transport

**SECTION 15: REGULATORY INFORMATION**
**15.1 US FEDERAL REGULATIONS**

**Accufoam CC: SARA Section 311/312 Hazard Classes**

**Health hazard:** Reproductive toxicity

**Health hazard:** Specific target organ toxicity (single or repeated exposure)

**Health hazard:** Skin corrosion or Irritation

**Health hazard:** Carcinogenicity

**Health hazard:** Serious eye damage or eye irritation

**Diethylene glycol (111-46-6)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Ethylene oxide, polymer with 2,2'-iminodiethanol and propylene oxide (34354-45-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**EPA TSCA Regulatory Flag:** XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710 (C)).

**Triethyl phosphate (78-40-0)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**1,3-Propanediamine, N,N-bis[3-(dimethylamino)propyl]-N',N'-dimethyl- (33329-35-0)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**2-Propanol, 1-chloro-, phosphate (3:1) (13674-84-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**cis-1,1,1,4,4,4-Hexafluoro-2-butene (692-49-9)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**EPA TSCA Regulatory Flag:**

P - P - indicates a commenced PMN substance.

S - S - indicates a substance that is identified in a proposed or final Significant New Uses Rule.

**2-(Dimethylamino)ethanol (108-01-0)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**15.2 US STATE REGULATIONS**
**1,4-Dioxane (123-91-1)**

**U.S. - California - Proposition 65 - Carcinogens List:** **WARNING:** This product contains chemicals known to the State of California to cause cancer.

**Diethylene glycol (111-46-6)**

U.S. - Pennsylvania - RTK (Right to Know) List

**1,4-Dioxane (123-91-1)**

**U.S. - Massachusetts:** Right To Know List

**U.S. - New Jersey:** Right to Know Hazardous Substance List

**U.S. - Pennsylvania:** RTK (Right to Know) - Environmental Hazard List

**U.S. - Pennsylvania:** RTK (Right to Know) - Special Hazardous Substances

**U.S. - Pennsylvania:** RTK (Right to Know) List

**2-(Dimethylamino)ethanol (108-01-0)**

**U.S. - Massachusetts:** Right To Know List

**U.S. - New Jersey:** Right to Know Hazardous Substance List

**U.S. - Pennsylvania:** RTK (Right to Know) List

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**DATE OF PREPARATION OR LATEST REVISION:** 05/09/2018

**OTHER INFORMATION:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**GHS Full Text Phrases**

|                                  |  |
|----------------------------------|--|
| Acute Tox. 3 (Inhalation:vapour) | Acute toxicity (inhalation:vapour) Category 3                    |
| Acute Tox. 4 (Dermal)            | Acute toxicity (dermal) Category 4                               |
| Acute Tox. 4 (Oral)              | Acute toxicity (oral) Category 4                                 |
| Aquatic Acute 3                  | Hazardous to the aquatic environment - Acute Hazard Category 3   |
| Aquatic Chronic 3                | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Carc. 2                          | Carcinogenicity Category 2                                       |
| Eye Dam. 1                       | Serious eye damage/eye irritation Category 1                     |
| Eye Irrit. 2                     | Serious eye damage/eye irritation Category 2                     |
| Eye Irrit. 2A                    | Serious eye damage/eye irritation Category 2A                    |
| Flam. Liq. 2                     | Flammable liquids Category 2                                     |
| Flam. Liq. 3                     | Flammable liquids Category 3                                     |
| Repr. 2                          | Reproductive toxicity Category 2                                 |
| Skin Corr. 1B                    | Skin corrosion/irritation Category 1B                            |
| Skin Irrit. 2                    | Skin corrosion/irritation Category 2                             |
| STOT RE 2                        | Specific target organ toxicity (repeated exposure) Category 2    |
| STOT SE 3                        | Specific target organ toxicity (single exposure) Category 3      |
| H225                             | Highly flammable liquid and vapour                               |
| H226                             | Flammable liquid and vapour                                      |
| H302                             | Harmful if swallowed   |
| H312                             | Harmful in contact with skin                                     |

|      |   |
|------|---|
| H314 | Causes severe skin burns and eye damage                           |
| H315 | Causes skin irritation  |
| H318 | Causes serious eye damage   |
| H319 | Causes serious eye irritation                                     |
| H331 | Toxic if inhaled  |
| H335 | May cause respiratory irritation                                  |
| H351 | Suspected of causing cancer                                       |
| H361 | Suspected of damaging fertility or the unborn child               |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H402 | Harmful to aquatic life   |
| H412 | Harmful to aquatic life with long lasting effects                 |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)