2. HAZARDS IDENTIFICATION

Physical Hazards: Not Classified

Health Hazard: H317 May cause an allergic skin reaction.
   H315 - Causes skin irritation
   H319 - Causes serious eye irritation
   H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
   Respiratory Sensitization Category 1
   Skin Sensitization Category 1

Signal Word - Danger

Hazard-determining components of labeling:
Methyl Chloro Isothiazolinone 26172-55-4
ammonium hydroxide 1336-21-6

Precautionary Statements:
P261 - Avoid breathing mist, vapors
P264 - Wash hands, forearms and face thoroughly after handling
P272 - Contaminated work clothing must not be allowed out of the workplace P280 - Wear eye protection, protective clothing, protective gloves
P284 – (In case of inadequate ventilation) wear respiratory protection P302+P352 - If on skin:
Wash with plenty of soap and water
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P305+P351+P338
   - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see first aid instructions on this label) P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get
medical advice/attention
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER, a doctor
P362+P364 - Take off contaminated clothing and wash it before reuse
H412 Harmful to aquatic life with long lasting effects.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Environmental Hazards: Not Classified.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS Number</th>
<th>WT.%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Chloro Isothiazolinone</td>
<td>26172-55-4</td>
<td>≤0.003%</td>
</tr>
<tr>
<td>ammonium hydroxide</td>
<td>1336-21-6</td>
<td>≤0.5%</td>
</tr>
<tr>
<td>diethylene glycol ethyl ether</td>
<td>111-90-0</td>
<td>≤0.5%</td>
</tr>
<tr>
<td>urea</td>
<td>57-13-6</td>
<td>≤5.0%</td>
</tr>
</tbody>
</table>

Non Hazardous Components

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>WT.%</th>
</tr>
</thead>
<tbody>
<tr>
<td>starch/resin formulation</td>
<td>proprietary</td>
<td>60-90%</td>
</tr>
</tbody>
</table>

*Specific chemical identity and/or exact percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Skin Contact: First aid not normally required. Remove contaminated clothing. Wash area of contact with soap and water. Flush skin with plenty of water for at least 15 minutes. Wash clothing before reuse. Get medical attention if irritation occurs and persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes occasionally lifting both upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. If symptom persists, consult a doctor.

Inhalation: Remove affected person from source of exposure. Get medical attention if breathing difficulty or discomfort persists.

Ingestion: Do not induce vomiting because of danger of aspiration into lungs. If conscious, give a glass of water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention.

Most important symptoms and effects, both acute and delayed:
Allergic reactions Inflammation, skin redness, allergies, and/or dermatitis

5. FIRE FIGHTING MEASURES

Basic Firefighting Procedures: Use water spray, dry chemical, foam or CO2 as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment. Flush spills away from sources of ignition. Cool closed containers exposed to fire with water spray.
Unusual Fire and Explosion Hazards: Not applicable. This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.

6. ACCIDENTAL RELEASE MEASURES

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action: For large spills, isolate the release area and keep unnecessary people away. Exercise caution regarding personnel safety and exposure. Refer to protective measures listed in sections 7 and 8.

Spill/Leak Procedure: Floor and surfaces may be slippery. Dike with sand or other material. Flush area with water provided runoff does not enter drain or sewer; use absorbent material (e.g. vermiculite, sand and earth) and dispose of properly in a suitable container.

Notification: Any spill or release to navigable water that causes a visible sheen upon the water must be reported immediately to the National Response Center (800/424-8802), as required by U.S. federal law.

7. HANDLING and STORAGE

Refer to Section 8: Exposure Control and Personal Protection

Advice on safe handling: Wear proper protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. For intended use only. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you are exposed and feel unwell. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers. Do not eat, drink, or smoke while using this product.

Conditions for safe storage: Keep container closed when not in use. Keep in a dry, cool place.

Materials to avoid: Do not freeze. No special restrictions on storage with other products.

Storage temperature: >= 40 °F

Storage: Do not store near incompatible chemicals. When possible, store in a dry place at moderate temperatures (above freezing) away from heat and flames. This material is to be handled and applied according to label directions. Keep this product and all chemicals away from children and pets. Keep containers closed when not in use. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium hydroxide CAS No. 1336-21-6 Vapor</td>
<td>ACGIH TWA: 25 ppm, ACGIH STEL: 35 ppm</td>
<td>OSHA PEL (TWA): 35 mg/m³, 8 hours, OSHA PEL (TWA): 50 ppm, 8 hours</td>
<td>NA</td>
</tr>
</tbody>
</table>

Components | CAS No. | Value/type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|-----------|---------|------------------------------|-----------------------------------------------|-------|
Safety Data Sheet
Ice-Tite 622B

2-(2-ethoxyethoxy)ethanol (diethylene glycol ethyl ether) 111-90-0  TWA  25 ppm  USA. Workplace Environmental Exposure Levels (WEEL)

Exposure Controls: None established for this mixture.
Engineering Controls: Use appropriate ventilation.
Eye and Face Protection: Wear safety glasses; use face shield if splashing is possible.
Skin Protection: Oil and chemical resistant, nitrile, gloves should be used to avoid repeated contact.
Respiratory Protection: Not normally needed. A NIOSH or MSHA approved respirator should be used in areas with high vapor concentrations or misting.

9. PHYSICAL and CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance/Physical State, Color</th>
<th>Upper/Lower Flammability or Explosive Limits</th>
<th>Odor</th>
<th>Vapor Pressure</th>
<th>Vapor Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid, Off-White</td>
<td>N/A</td>
<td>Slight resin odor</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor Threshold 8 - 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td></td>
<td>N/A</td>
<td>1.199</td>
<td></td>
</tr>
<tr>
<td>Initial Boiling Point and Boiling Range</td>
<td></td>
<td>210 °F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point &gt; 212 °F</td>
<td></td>
<td></td>
<td>Auto-ignition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate 1</td>
<td></td>
<td></td>
<td>Decomposition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
<td>Viscosity 52,500 cps @77°F</td>
<td></td>
</tr>
<tr>
<td>VOC Contact supplier for further information</td>
<td></td>
<td></td>
<td>Percent Volatile Approx. 44%</td>
<td></td>
</tr>
</tbody>
</table>

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Those should be requested separately.

10. STABILITY AND REACTIVITY

Reactivity: Does not react under normal conditions of use.
Chemical Stability: Stable under normal conditions of use.
Stability/Incompatibility: Avoid contact with strong oxidizers.
Conditions to Avoid: None known.
Hazardous Reactions/Decomposition Products: Does not decompose under normal conditions; may produce metal oxides, CO, CO2, volatile hydrocarbons and other possibly toxic gases in fire.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin and Ingestion
Acute toxicity: Product has not been tested.
Components:

ammonium hydroxide (1336-21-6)
**Safety Data Sheet**

**Ice-Tite 622B**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
</table>

**LD50 oral rat** 14,300 mg/kg

**LD50 dermal rabbit** 9,143 mg/kg

**Urea (57-13-6)**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
</table>

**Skin corrosion/irritation:** Product has not been tested.

**Serious eye damage/eye irritation:** Finished Product not classified based on available data.

**Respiratory or skin sensitization:** May cause an allergic skin reaction. Once Sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Contributing component:** Biocide/fungicide (CAS No 26172-55-4)

**Germ Cell Mutagenicity:** Not classified based on available data.

**Carcinogenicity:** Product not classified based on available data.

**Reproductive Toxicity:** Product not classified based on available data.

**Specific Target Organ Toxicity - Single Exposure (STOT SE):** Product not classified based on available data.

**Specific Target Organ Toxicity - Repeated Exposure (STOT RE):** Not classified based on available data.

**Aspiration Hazard:** Not classified due to lack of data. Based on physical properties, not likely to be an aspiration hazard.

**Primary irritant effect:**

**On the skin:** No data for product.

**On the eye:** No data for product.

**Sensitization:** Sensitization possible through skin contact due to component listed above.

**Additional toxicological information:**

**Components:**

**Carcinogenic categories:**

**IARC:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

**NTP:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Product has not been tested.

**Components:**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
</table>
### Safety Data Sheet

**Ice-Tite 622B**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Persistence and Biodegradability</th>
<th>Bioaccumulative Potential</th>
<th>Mobility in Soil</th>
<th>LC50/LC50</th>
<th>LC50/LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Chloro Isothiazolinone 26172-55-4</td>
<td>Not Determined</td>
<td>Not Determined</td>
<td>Not Determined</td>
<td>13. DISPOSAL CONSIDERATIONS</td>
<td>To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.</td>
</tr>
<tr>
<td>2-(2-ethoxyethoxy) ethanol (diethylene glycol ethyl ether) 111-90-0</td>
<td>9,650 mg/l - 96 h Pimephales promelas (fathead minnow) LC50</td>
<td>3,340 mg/l - 48 h Daphnia magna (Water flea) LC50</td>
<td>Daphnia magna mg/L EC50</td>
<td>14. TRANSPORTATION INFORMATION</td>
<td>Special precautions for user: Not applicable</td>
</tr>
<tr>
<td>Urea 57-13-6</td>
<td>47 mg, Acute, fresh water, 192 h, Heterosigma akashiwo</td>
<td>6,810 mg/l, fresh water, 96 h, Labeo boga, LC50</td>
<td>10,000 gm/l, fresh water, 24 h, Daphnia magna, EC50</td>
<td>15. REGULATORY INFORMATION</td>
<td>Chemical Inventory Lists:</td>
</tr>
</tbody>
</table>

**Chemical Inventory Lists: TSCA:** All ingredients are listed (or are exempt from listing)

**SARA Title III, Section 313 (40 CFR 372.65):** Specific toxic chemical listings:

- ammonium hydroxide 1336-21-6
- diethylene glycol ethyl ether 111-90-0
SARA (311/312) Reportable Hazard Categories: Chronic and Acute health hazard

CERCLA RQ
ammonium hydroxide 1336-21-6 1000 lb.

HAPS (Hazardous Air Pollutants): Please contact supplier for more information.

California Prop. 65:

⚠️ WARNING: This product can expose you to chemicals including Diethanolamine, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. Please contact supplier for more information.

16. OTHER INFORMATION

SDS Issue Date: 11-22-19

HMIS® Hazard Ratings
Health: 1 Fire Hazard: 0 Reactivity: 0

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