SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Mixture
Product Name: RAIN VIEW
Product Code: 887XX

Intended Use of the Product
Maintenance

Company
Star brite Inc.
4041 SW 47th Avenue
Fort Lauderdale, FL 33314
(954) 587-6280
www.starbrite.com

Emergency Telephone Number
Emergency number: US: (800) 424-9300; International: (703) 527-3887  (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Flam. Liq. 2 H225
Skin Irrit. 2 H315
Eye Irrit. 2A H319
STOT SE 3 H336

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US): Danger
Hazard Statements (GHS-US):
- H225 - Highly flammable liquid and vapor.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H336 - May cause drowsiness or dizziness.

Precautionary Statements (GHS-US):
- P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical, lighting, ventilating equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P261 - Avoid breathing mist, spray, vapors.
- P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear eye protection, face protection, protective clothing, protective gloves.
- P302+P352 - If on skin: Wash with plenty of water.
- P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position 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.
P312 - Call a a doctor, a POISON CENTER if you feel unwell.
P321 - Specific treatment (see Section 4).
P332+P338 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P370+P378 - In case of fire: Use appropriate media to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

Other Hazards
Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US)
10 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral).
10 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal).
10 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Isopropyl alcohol</td>
<td>(CAS No) 67-63-0</td>
<td>85 - 95</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H336</td>
</tr>
<tr>
<td></td>
<td>Siloxanes and Silicones, di-Me</td>
<td>(CAS No) 63148-62-9</td>
<td>7 - 13</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td>Sulfuric acid</td>
<td>(CAS No) 7664-93-9</td>
<td>0.5 - 1.5</td>
<td>Met. Corr. 1, H290</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1A, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell. Ventilate the area.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 30 minutes. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes skin irritation. Serious eye irritation. May cause drowsiness and dizziness, narcotic effect. May cause cancer. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

Inhalation: May cause drowsiness or dizziness. Narcotic effect.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: May cause cancer.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.
SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Powder, alcohol-resistant foam, water spray, carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid. Application of water stream to hot product may cause frothing and increase fire intensity.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.

Explosion Hazard: May form flammable/explosive vapor-air mixture. May release hydrogen gas on contact with some metals.

Reactivity: Reacts with strong oxidants causing fire and explosion hazard.

Advice for Firefighters

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

Firefighting Instructions: Do not breathe fumes from fires or vapors from decompostion. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Stop leak if safe to do so. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water sources.

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


Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Avoid breathing (vapor, mist, spray). Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


For Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material 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: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Contact competent authorities after a spill.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: May be corrosive to metals. Handle empty containers with care because residual vapors are flammable.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. Comply with applicable regulations. Ensure all national/local regulations are observed.

Storage Conditions: Store locked up in a dry, cool, and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep away from heat, sparks, open flames, hot surfaces, ignition sources, incompatible materials. No smoking.


Special Rules on Packaging: Keep only in original container.
**Specific End Use(s)**
Rust remover.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

<table>
<thead>
<tr>
<th>Isopropyl alcohol (67-63-0)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>980 mg/m³</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>980 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (mg/m³)</td>
<td>1225 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
<td>2000 ppm (10% LEL)</td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL STEL (mg/m³)</td>
<td>984 mg/m³</td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL TWA (mg/m³)</td>
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</tr>
<tr>
<td>Alberta</td>
<td>OEL TWA (ppm)</td>
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<td>British Columbia</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
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<td>British Columbia</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Manitoba</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>OEL STEL (mg/m³)</td>
<td>1230 mg/m³</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>OEL STEL (ppm)</td>
<td>500 ppm</td>
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<tr>
<td>New Brunswick</td>
<td>OEL TWA (mg/m³)</td>
<td>983 mg/m³</td>
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<tr>
<td>New Brunswick</td>
<td>OEL TWA (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL STEL (mg/m³)</td>
<td>1228 mg/m³</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL STEL (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL TWA (mg/m³)</td>
<td>983 mg/m³</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL TWA (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL STEL (mg/m³)</td>
<td>1228 mg/m³</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL STEL (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL TWA (mg/m³)</td>
<td>983 mg/m³</td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Québec</td>
<td>VECD (mg/m³)</td>
<td>1230 mg/m³</td>
</tr>
<tr>
<td>Québec</td>
<td>VECD (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Québec</td>
<td>VEMP (mg/m³)</td>
<td>985 mg/m³</td>
</tr>
<tr>
<td>Québec</td>
<td>VEMP (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL STEL (mg/m³)</td>
<td>1225 mg/m³</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL STEL (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL TWA (mg/m³)</td>
<td>980 mg/m³</td>
</tr>
</tbody>
</table>
Rain View Safety Data Sheet

Yukon OEL TWA (ppm) 400 ppm

**Sulfuric acid (7664-93-9)**

<table>
<thead>
<tr>
<th>Location</th>
<th>OEL TWA (ppm)</th>
<th>ACGIH TWA (mg/m³)</th>
<th>USA OSHA OSHA PEL (TWA) (mg/m³)</th>
<th>USA NIOSH NIOSH REL (TWA) (mg/m³)</th>
<th>USA IDLH US IDLH (mg/m³)</th>
<th>Alberta OEL STEL (mg/m³)</th>
<th>Alberta OEL TWA (mg/m³)</th>
<th>British Columbia OEL TWA (mg/m³)</th>
<th>Manitoba OEL TWA (mg/m³)</th>
<th>New Brunswick OEL STEL (mg/m³)</th>
<th>New Brunswick OEL TWA (mg/m³)</th>
<th>Newfoundland &amp; Labrador OEL TWA (mg/m³)</th>
<th>Nova Scotia OEL TWA (mg/m³)</th>
<th>Nunavut OEL STEL (mg/m³)</th>
<th>Nunavut OEL TWA (mg/m³)</th>
<th>Northwest Territories OEL STEL (mg/m³)</th>
<th>Northwest Territories OEL TWA (mg/m³)</th>
<th>Ontario OEL TWA (mg/m³)</th>
<th>Prince Edward Island OEL TWA (mg/m³)</th>
<th>Québec VECD (mg/m³)</th>
<th>Québec VEMP (mg/m³)</th>
<th>Saskatchewan OEL STEL (mg/m³)</th>
<th>Saskatchewan OEL TWA (mg/m³)</th>
<th>Yukon OEL STEL (mg/m³)</th>
<th>Yukon OEL TWA (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yukon</td>
<td>400 ppm</td>
<td>0.2 mg/m³</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>15 mg/m³</td>
<td>3 mg/m³</td>
<td>1 mg/m³</td>
<td>0.2 mg/m³ (Thoracic, contained in strong inorganic acid mists)</td>
<td>0.2 mg/m³</td>
<td>3 mg/m³</td>
<td>1 mg/m³</td>
<td>0.2 mg/m³</td>
<td>3 mg/m³</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>0.6 mg/m³</td>
<td>0.2 mg/m³</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.


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

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or face shield.

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

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

- **Physical State:** Liquid
- **Appearance:** Clear
- **Odor:** Characteristic
- **Odor Threshold:** Not available
RAIN VIEW
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**pH**: < 2
Relative Evaporation Rate (butylacetate=1): Not available
Melting Point: Not available
Freezing Point: Not available
Boiling Point: 86 °C (186.8 °F)
Flash Point: 12 °C (53.6 °F)
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Flammability (solid, gas): Not available
Lower Flammable Limit: Not available
Upper Flammable Limit: Not available
Vapor Pressure: Not available
Relative Vapor Density at 20 °C: Not available
Specific Gravity/Relative density: 0.8 mg/mL
Solubility: Soluble in water
Partition coefficient: n-octanol/water: Not available
Viscosity: Not available
Explosive properties: Product is not explosive, however, formation of explosive air-vapour mixture is possible

**SECTION 10: STABILITY AND REACTIVITY**
Reactivity: Reacts with strong oxidants causing fire and explosion hazard.
Chemical Stability: Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight, extremely high or low temperatures, open flames, sources of ignition and incompatible materials.
Incompatible Materials: Strong acids. Strong bases. Strong oxidizers. Metals, may be corrosive to metals.

**SECTION 11: TOXICOLOGICAL INFORMATION**
Information on Toxicological Effects - Product
Acute Toxicity: Not classified.
LD₅₀ and LC₅₀ Data: Not available.
Skin Corrosion/Irritation: Causes skin irritation.
**pH**: < 2
Serious Eye Damage/Irritation: Causes serious eye irritation.
**pH**: < 2
Respiratory or Skin Sensitization: Not classified.
Germ Cell Mutagenicity: Not classified.
Teratogenicity: Not available.
Carcinogenicity: May cause cancer.
Specific Target Organ Toxicity (Repeated Exposure): Not classified.
Reproductive Toxicity: Not classified.
Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.
Aspiration Hazard: Not classified.
Symptoms/Injuries After Inhalation: May cause cancer by inhalation. May cause drowsiness or dizziness.
Symptoms/Injuries After Skin Contact: Causes severe skin burns.
Symptoms/Injuries After Eye Contact: Causes serious eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms: May cause cancer.
**Information on Toxicological Effects - Ingredient(s)**

<table>
<thead>
<tr>
<th>LD50 and LC50 Data:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Isopropyl alcohol (67-63-0)</strong></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>4396 mg/kg</td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>12800 mg/kg</td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>16000 ppm (Exposure time: 8 h)</td>
</tr>
<tr>
<td><strong>Sulfuric acid (7664-93-9)</strong></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>2140 mg/kg</td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>510 mg/m³ (Exposure time: 2 h)</td>
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</table>

<table>
<thead>
<tr>
<th><strong>IARC Group</strong></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Isopropyl alcohol (67-63-0)</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Sulfuric acid (7664-93-9)</strong></td>
<td>1</td>
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</tbody>
</table>

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity** Not classified.

<table>
<thead>
<tr>
<th><strong>Isopropyl alcohol (67-63-0)</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>EC50 Other Aquatic Organisms 1</td>
<td>1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)</td>
</tr>
<tr>
<td>LC 50 Fish 2</td>
<td>11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
</tr>
<tr>
<td>EC50 Other Aquatic Organisms 2</td>
<td>1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Sulfuric acid (7664-93-9)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])</td>
</tr>
</tbody>
</table>

**Persistence and Degradability**

RAIN VIEW

<table>
<thead>
<tr>
<th><strong>Siloxanes and Silicones, di-Me (63148-62-9)</strong></th>
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</thead>
<tbody>
<tr>
<td>Persistence and Degradability</td>
<td>Not established.</td>
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**Bioaccumulative Potential**

RAIN VIEW

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<th><strong>Isopropyl alcohol (67-63-0)</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>0.05 (at 25 °C)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Sulfuric acid (7664-93-9)</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>(no bioaccumulation)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Siloxanes and Silicones, di-Me (63148-62-9)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative Potential</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

**Mobility in Soil** Not available.

**Other Adverse Effects**

Other Information: Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

**SECTION 14: TRANSPORT INFORMATION**

In Accordance With ICAO/IATA/DOT/TDG

<table>
<thead>
<tr>
<th><strong>UN Number</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (DOT)</td>
<td>1219</td>
</tr>
<tr>
<td>DOT NA no.</td>
<td>UN1219</td>
</tr>
</tbody>
</table>
UN-No. (TDG) : UN1219  
UN-No. (IMDG) : 1219  
UN-No.(IATA) : 1219

UN Proper Shipping Name
Proper Shipping Name (DOT) : ISOPROPANOL  
Proper Shipping Name (TDG) : ISOPROPANOL  
Proper Shipping Name (IATA) : ISOPROPANOL  
Proper Shipping Name (IMDG) : ISOPROPANOL (ISOPROPYL ALCOHOL)

Transport Document Description (DOT) : UN1219 ISOPROPANOL, 3, II  
Transport Document Description (TDG) : UN1219 ISOPROPANOL, 3, II  
Transport Document Description (adr) (IMDG/IATA) : UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL), 3, II, (D/E)

Transport Hazard Class(es)
Department Of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Hazard Labels (DOT) : 3 - Flammable liquid

Packing Group (DOT) : II - Medium Danger  
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.  
T4 - 2.65 178.274(d)(2) Normal............. 178.275(d)(3)  
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 Cfr 173.xxx) : 4b;150  
DOT Packaging Non Bulk (49 Cfr 173.xxx) : 202  
DOT Packaging Bulk (49 Cfr 173.xxx) : 242  
TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids  
Hazard Labels (TDG) : 3 - Flammable liquids

Packing Group (TDG) : II - Medium Danger  
Explosive Limit And Limited Quantity Index : 1  
Passenger Carrying Road Vehicle Or Passenger : 5  
Carrying Railway Vehicle Index  
Class (IMDG) : 3  
Danger Labels (IMDG) : 3

Packing Group (IMDG) : II  
Class (IATA) : 3  
Hazard Labels (IATA) : 3
Packing Group (IATA)

Additional Information

Emergency Response Guide (ERG) Number

Other Information

Transport by sea

Dot Vessel Stowage Location

Limited Quantities (IMDG)

Excepted Quantities (IMDG)

IBC Packing Instructions (IMDG)

Packing Instructions (IMDG)

Tank Instructions (IMDG)

Tank Special Provisions (IMDG)

Stowage Category (IMDG)

Flashpoint (IMDG)

Properties and Observations (IMDG)

EMS-No. (1)

MFAG-No

EMS-No. (2)

Marine Pollutant

Air transport

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27)

DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75)

CAO Packing Instructions (IATA)

CAO Max Net Quantity (IATA)

PCA Packing Instructions (IATA)

PCA Max Net Quantity (IATA)

PCA Limited Quantities (IATA)

PCA Limited Quantity Max Net Quantity (IATA)

PCA Max Net Quantity (IATA)

PCA Excepted Quantities (IATA)

CAO Max Net Quantity (IATA)

CAO Packing Instructions (IATA)

Special Provision (IATA)

Erg Code (IATA)

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

RAIN VIEW

SARA Section 311/312 Hazard Classes

Fire hazard
Immediate (acute) health hazard
Delayed (chronic) health hazard

Isopropyl alcohol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
### SARA Section 313 - Emission Reporting

- **Sulfuric acid (7664-93-9)**
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory
  - Listed on SARA Section 302 (Specific toxic chemical listings)
  - Listed on SARA Section 313 (Specific toxic chemical listings)
  - **SARA Section 302 Threshold Planning Quantity (TPQ)**: 1000
  - **SARA Section 313 - Emission Reporting**: 1.0 % (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)

- **Siloxanes and Silicones, di-Me (63148-62-9)**
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory

### US State Regulations

#### Sulfuric acid (7664-93-9)

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

#### Isopropyl alcohol (67-63-0)

- **U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute**
- **U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic**
- **U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)**
- **U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)**
- **U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)**
- **U.S. - Connecticut - Volatile Substances**
- **U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations**
- **U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)**
- **U.S. - Idaho - Occupational Exposure Limits - TWAs**
- **RTK - U.S. - Massachusetts - Right To Know List**
- **U.S. - Massachusetts - Toxics Use Reduction Act**
- **U.S. - Michigan - Occupational Exposure Limits - STELs**
- **U.S. - Michigan - Occupational Exposure Limits - TWAs**
- **U.S. - Minnesota - Hazardous Substance List**
- **U.S. - Minnesota - Permissible Exposure Limits - STELs**
- **U.S. - Minnesota - Permissible Exposure Limits - TWAs**
- **U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour**
- **U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual**
- **U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances**
- **U.S. - New Jersey - Environmental Hazardous Substances List**
- **RTK - U.S. - New Jersey - Right to Know Hazardous Substance List**
- **U.S. - New Jersey - Special Health Hazards Substances List**
- **U.S. - New York - Occupational Exposure Limits - TWAs**
- **U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour**
- **U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour**
- **U.S. - Oregon - Permissible Exposure Limits - TWAs**
- **RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**
- **RTK - U.S. - Pennsylvania - RTK (Right to Know) List**
- **U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour**
- **U.S. - Tennessee - Occupational Exposure Limits - STELs**
- **U.S. - Tennessee - Occupational Exposure Limits - TWAs**
- **U.S. - Texas - City of Austin - Aerosol Paint and Glue Restrictions**
- **U.S. - Texas - Effects Screening Levels - Long Term**

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**Listed on SARA Section 313 (Specific toxic chemical listings)**

- **EPA TSCA Regulatory Flag**: T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
- **SARA Section 313 - Emission Reporting**: 1.0 % (only if manufactured by the strong acid process, no supplier notification)
Strong inorganic acid mists containing sulfuric acid are present on the State of California list of Chemicals Known to the State to Cause Cancer or Reproductive Toxicity (Cal Prop 65).

U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
U.S. - Illinois - Toxic Air Contaminant Carcinogens
U.S. - Illinois - Toxic Air Contaminants
U.S. - Louisiana - Reportable Quantity List for Pollutants
U.S. - Maine - Air Pollutants - Hazardous Air Pollutants
U.S. - Massachusetts - Allowable Ambient Limits (AALs)
U.S. - Massachusetts - Allowable Threshold Concentrations (ATCs)
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Threshold Effects Exposure Limits (TEls)
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Michigan - Polluting Materials List
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Environmental Hazardous Substances List
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New Jersey - Special Health Hazards Substances List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
U.S. - North Carolina - Control of Toxic Air Pollutants
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Ohio - Extremely Hazardous Substances - Threshold Quantities
U.S. - Oregon - Permissible Exposure Limits - TWAs
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual
U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations
Section 6: Other Information, including Date of Preparation or Last Revision

Revision date: 09/10/2014
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:
- **Eye Dam. 1**: Serious eye damage/eye irritation Category 1
- **Eye Irrit. 2A**: Serious eye damage/eye irritation Category 2A
- **Flam. Liq. 2**: Flammable liquids Category 2
- **Met. Corr. 1**: Corrosive to metals Category 1
Skin Corr. 1A  |  Skin corrosion/irritation Category 1A
STOT SE 3   |  Specific target organ toxicity (single exposure) Category 3
H225       |  Highly flammable liquid and vapor
H290       |  May be corrosive to metals
H314       |  Causes severe skin burns and eye damage
H315       |  Causes skin irritation.
H318       |  Causes serious eye damage
H319       |  Causes serious eye irritation
H336       |  May cause drowsiness or dizziness

**NFPA Health Hazard**
- 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

**NFPA Fire Hazard**
- 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

**NFPA Reactivity**
- 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

**Party Responsible for the Preparation of This Document**
Starbrite®
Phone Number: (954)587-6280

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.

North America GHS US 2012 & WHMIS