SECTION 1: IDENTIFICATION

1.1. Product Identifier
   Product Form: Mixture
   Product Name: BIOGONE
   Product Code: CSNBG01G

1.2. Intended Use of the Product
   Use of the Substance/Mixture: Ready to Use.

1.3. Name, Address, and Telephone of the Responsible Party
   Company
   Case Medical Inc.
   19 Empire Blvd
   South Hackensack, NJ 07606
   201-313-1999
   www.casemed.com
   info@casemed.com

1.4. Emergency Telephone Number
   Emergency Number: For Hazardous Materials [or Dangerous Goods] Incidents ONLY
   (spill, leak, fire, exposure or accident), call CHEMTREC at CHEMTREC®, USA & CANADA: 001 (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
   GHS-US Classification
   Flam. Liq. 2  H225
   Eye Irrit. 2A  H319
   Muta. 1B     H340
   Carc. 1B     H350
   Repr. 2      H361
   STOT SE 3    H336

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

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

   Signal Word (GHS-US): Danger
   Hazard Statements (GHS-US):
   H225 - Highly flammable liquid and vapor.
   H319 - Causes serious eye irritation.
   H336 - May cause drowsiness or dizziness.
   H340 - May cause genetic defects.
   H350 - May cause cancer.
   H361 - Suspected of damaging fertility or the unborn child.

   Precautionary Statements (GHS-US):
   P201 - Obtain special instructions before use.
   P202 - Do not handle until all safety precautions have been read and understood.
   P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.
   P240 - Ground/Bond container and receiving equipment.
   P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
   P242 - Use only non-sparking tools.
   P243 - Take precautionary measures against static discharge.
2.3. Other Hazards
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)
No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>(CAS-No.) 64-17-5</td>
<td>20-40</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>(CAS-No.) 67-63-0</td>
<td>20-40</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl-</td>
<td>(CAS-No.) 108-10-1</td>
<td>1 - 10</td>
<td>Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation:vapor), H331 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides</td>
<td>(CAS-No.) 61791-10-4</td>
<td>1 - 10</td>
<td>Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Acute Tox. 4 (Oral), H302 Flam. Liq. 1, H224 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 Repr. 2, H361 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>Methyl salicylate</td>
<td>(CAS-No.) 119-36-8</td>
<td>&lt; 1</td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aliphatic</td>
<td>(CAS-No.) 64742-89-8</td>
<td>&lt; 1</td>
<td></td>
</tr>
</tbody>
</table>

Full text of H-phrases: see Section 16.
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. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical 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:** Causes serious eye irritation. May cause drowsiness and dizziness. May cause cancer. Suspected of damaging fertility or the unborn child.

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

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

**Chronic Symptoms:** May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child.

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:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but should be used to keep fire-exposed container cool.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Highly flammable liquid and vapor.

**Explosion Hazard:** May form flammable or explosive vapor-air mixture.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

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. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

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

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide and low molecular weight hydrocarbons.

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. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. 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. Stop leak if safe to do so.

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. Eliminate ignition sources.

6.2. **Environmental Precautions**

Do not allow uncontrolled discharge of product into the environment. Collect spillage.

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. As an immediate precautionary measure, isolate spill or leak area in all directions.
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. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid contact with eyes, skin and clothing. Do not breathe mist/vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing.

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

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)
Ready to Use.

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).

<table>
<thead>
<tr>
<th>Ethyl alcohol (64-17-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USA ACGIH</strong> ACGIH STEL (ppm)</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> ACGIH chemical category</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (TWA) (mg/m³)</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (TWA) (ppm)</td>
</tr>
<tr>
<td><strong>USA IDLH</strong> US IDLH (ppm)</td>
</tr>
<tr>
<td><strong>USA OSHA</strong> OSHA PEL (TWA) (mg/m³)</td>
</tr>
<tr>
<td><strong>USA OSHA</strong> OSHA PEL (TWA) (ppm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-Pentanone, 4-methyl- (108-10-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USA ACGIH</strong> ACGIH TWA (ppm)</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> ACGIH STEL (ppm)</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> ACGIH chemical category</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> Biological Exposure Indices (BEI)</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (TWA) (mg/m³)</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (TWA) (ppm)</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (STEL) (mg/m³)</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (STEL) (ppm)</td>
</tr>
<tr>
<td><strong>USA IDLH</strong> US IDLH (ppm)</td>
</tr>
<tr>
<td><strong>USA OSHA</strong> OSHA PEL (TWA) (mg/m³)</td>
</tr>
<tr>
<td><strong>USA OSHA</strong> OSHA PEL (TWA) (ppm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Isopropyl alcohol (67-63-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USA ACGIH</strong> ACGIH TWA (ppm)</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> ACGIH STEL (ppm)</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> ACGIH chemical category</td>
</tr>
<tr>
<td><strong>USA ACGIH</strong> Biological Exposure Indices (BEI)</td>
</tr>
<tr>
<td><strong>USA NIOSH</strong> NIOSH REL (TWA) (mg/m³)</td>
</tr>
</tbody>
</table>
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. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment

Materials for Protective Clothing
Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

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
Clear
Odor
Characteristic
Odor Threshold
No data available
pH
6.5 - 7.5
Evaporation Rate
No data available
Melting Point
No data available
Freezing Point
No data available
Boiling Point
176.6 °F (80.33 °C)
Flash Point
69.8 °F (21 °C)
Auto-ignition Temperature
No data available
Decomposition Temperature
No data available
Flammability (solid, gas)
Not applicable
Vapor Pressure
No data available
Relative Vapor Density at 20°C
No data available
Relative Density
No data available
Solubility
No data available
Partition Coefficient: N-Octanol/Water
No data available
Viscosity
No data available

9.2. Other Information
No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reacts violently with strong oxidizers. Increased risk of fire or explosion.
10.2. **Chemical Stability**: Highly flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

10.3. **Possibility of Hazardous Reactions**: Hazardous polymerization will not occur.

10.4. **Conditions to Avoid**: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

10.5. **Incompatible Materials**: Strong acids, strong bases, strong oxidizers.

10.6. **Hazardous Decomposition Products**: None expected under normal conditions of use.

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1. **Information on Toxicological Effects**

**Acute Toxicity**: Not classified

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral Rat LD50</th>
<th>Dermal Rat LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol (64-17-5)</td>
<td>10470 mg/kg</td>
<td>20 ml/kg</td>
<td>124.7 mg/l/4h</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl- (108-10-1)</td>
<td>2080 mg/kg</td>
<td>3000 mg/kg</td>
<td>8.2 mg/l/4h</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aliphatic (64742-89-8)</td>
<td>&gt;= 5000 mg/kg</td>
<td>3000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol (67-63-0)</td>
<td>4059 mg/kg</td>
<td>72600 mg/m³ (Exposure time: 4 h)</td>
<td></td>
</tr>
<tr>
<td>Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides (61791-10-4)</td>
<td>580 mg/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11.2. **Skin Corrosion/Irritation**: Not classified

**pH**: 6.5 - 7.5

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

**pH**: 6.5 - 7.5

**Respiratory or Skin Sensitization**: Not classified

**Germ Cell Mutagenicity**: May cause genetic defects.

**Carcinogenicity**: May cause cancer.

11.3. **Specific Target Organ Toxicity (Single Exposure)**: May cause drowsiness or dizziness.

11.4. **Specific Target Organ Toxicity (Repeated Exposure)**: Not classified

11.5. **Aspiration Hazard**: Not classified

**Symptoms/Injuries After Inhalation**: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Symptoms/Injuries After Skin Contact**: Prolonged exposure may cause skin irritation.

**Symptoms/Injuries After Eye Contact**: Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecology - General: Not classified.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 Fish 1</th>
<th>EC50 Daphnia 1</th>
<th>ErC50 (Algae)</th>
<th>NOEC Chronic Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol (64-17-5)</td>
<td>11200 mg/l</td>
<td>9268 - 14221 mg/l</td>
<td>1000 mg/l</td>
<td>9.6 mg/l</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl- (108-10-1)</td>
<td>496 - 514 mg/l</td>
<td>170 mg/l</td>
<td>400 mg/l</td>
<td>9.6 mg/l</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl- (108-10-1)</td>
<td>496 - 514 mg/l</td>
<td>170 mg/l</td>
<td>400 mg/l</td>
<td>9.6 mg/l</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aliphatic (64742-89-8)</td>
<td>&gt;= 8.2 mg/l Exposure time 96 hour Species: Pimephales promelas</td>
<td>57 mg/l</td>
<td>7.8 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and Degradability

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and Degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol (64-17-5)</td>
<td>Not established.</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl- (108-10-1)</td>
<td>Not established.</td>
</tr>
<tr>
<td>Methyl salicylate (119-36-8)</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>Bioaccumulative Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol (64-17-5)</td>
<td>Not established.</td>
</tr>
<tr>
<td>2-Pentanone, 4-methyl- (108-10-1)</td>
<td>Not established.</td>
</tr>
<tr>
<td>Methyl salicylate (119-36-8)</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.4. Mobility in Soil
No additional information available

12.5. Other Adverse Effects
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: Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials: Dispose of waste and residues in accordance with local authority requirements.

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

Proper Shipping Name: ETHYL ALCOHOL SOLUTIONS
Hazard Class: 3
Identification Number: UN1170
Label Codes: 3
Packing Group: II
ERG Number: 127

14.2. In Accordance with IMDG

Proper Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Hazard Class: 3
Identification Number: UN1170
Packing Group: II
Label Codes: 3
EmS-No. (Fire): F-E
EmS-No. (Spillage): S-D

14.3. In Accordance with IATA

Proper Shipping Name: ETHYL ALCOHOL SOLUTION
Packing Group: II
Identification Number: UN1170
Hazard Class: 3
Label Codes: 3
ERG Code (IATA): 3L

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

<table>
<thead>
<tr>
<th>BIOGONE</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOGONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
<td>Health hazard - Germ cell mutagenicity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Health hazard - Specific target organ toxicity (single or repeated exposure)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Health hazard - Carcinogenicity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Health hazard - Reproductive toxicity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical hazard - Flammable (gases, aerosols, liquids, or solids)</td>
<td></td>
</tr>
</tbody>
</table>

Water (7732-18-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethyl alcohol (64-17-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-Pentanone, 4-methyl- (108-10-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ | 5000 lb |
SARA Section 313 - Emission Reporting | 1 % |

Solvent naphtha, petroleum, light aliphatic (64742-89-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Isopropyl alcohol (67-63-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

SARA Section 313 - Emission Reporting | 1 % (only if manufactured by the strong acid process, no supplier notification) |

Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides (61791-10-4)
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)). |

Methyl salicylate (119-36-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
# BIOGONE

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

## 15.2. US State Regulations

<table>
<thead>
<tr>
<th>Ethyl alcohol (64-17-5)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. - California - Proposition 65 - Carcinogens List</strong></td>
<td><strong>WARNING:</strong> This product contains chemicals known to the State of California to cause cancer. Ethyl Alcohol is included on the Proposition 65 list when it is used in alcoholic beverages.</td>
</tr>
<tr>
<td><strong>U.S. - California - Proposition 65 - Developmental Toxicity</strong></td>
<td><strong>WARNING:</strong> This product contains chemicals known to the State of California to cause birth defects. Ethyl Alcohol is included on the Proposition 65 list when it is used in alcoholic beverages.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-Pentanone, 4-methyl- (108-10-1)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. - California - Proposition 65 - Carcinogens List</strong></td>
<td><strong>WARNING:</strong> This product contains chemicals known to the State of California to cause cancer.</td>
</tr>
<tr>
<td><strong>U.S. - California - Proposition 65 - Developmental Toxicity</strong></td>
<td><strong>WARNING:</strong> This product contains chemicals known to the State of California to cause birth defects.</td>
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<thead>
<tr>
<th>Ethyl alcohol (64-17-5)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. - Massachusetts - Right To Know List</strong></td>
<td></td>
</tr>
<tr>
<td><strong>U.S. - New Jersey - Right to Know Hazardous Substance List</strong></td>
<td></td>
</tr>
<tr>
<td><strong>U.S. - Pennsylvania - RTK (Right to Know) List</strong></td>
<td></td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td><strong>U.S. - Massachusetts - Right To Know List</strong></td>
<td></td>
</tr>
<tr>
<td><strong>U.S. - New Jersey - Right to Know Hazardous Substance List</strong></td>
<td></td>
</tr>
<tr>
<td><strong>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</strong></td>
<td></td>
</tr>
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<td><strong>U.S. - Pennsylvania - RTK (Right to Know) List</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Isopropyl alcohol (67-63-0)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. - Massachusetts - Right To Know List</strong></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Methyl salicylate (119-36-8)</th>
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</thead>
<tbody>
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</table>

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

**Date of Preparation or Latest Revision:** 03/12/2018  
**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:vapor)**: Acute toxicity (inhalation:vapor) Category 3
- **Acute Tox. 4 (Oral)**: Acute toxicity (oral) Category 4
- **Aquatic Acute 2**: Hazardous to the aquatic environment - Acute Hazard Category 2
- **Aquatic Chronic 2**: Hazardous to the aquatic environment - Chronic Hazard Category 2
- **Asp. Tox. 1**: Aspiration hazard Category 1
- **Carc. 1B**: Carcinogenicity Category 1B
- **Carc. 2**: Carcinogenicity Category 2
- **Eye Dam. 1**: Serious eye damage/eye irritation Category 1
- **Eye Irrit. 2A**: Serious eye damage/eye irritation Category 2A
- **Flam. Liq. 1**: Flammable liquids Category 1
- **Flam. Liq. 2**: Flammable liquids Category 2
- **Muta. 1B**: Germ cell mutagenicity Category 1B
- **Repr. 2**: Reproductive toxicity Category 2
- **Skin Irrit. 2**: Skin corrosion/irritation Category 2
- **STOT SE 3**: Specific target organ toxicity (single exposure) Category 3
- **STOT SE 3**: Specific target organ toxicity (single exposure) Category 3
- **H224**: Extremely flammable liquid and vapor
### BIOGONE

**Safety Data Sheet**
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>H225</th>
<th>Highly flammable liquid and vapor</th>
</tr>
</thead>
<tbody>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H340</td>
<td>May cause genetic defects</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H361</td>
<td>Suspected of damaging fertility or the unborn child</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

*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)