# 1. IDENTIFICATION

<table>
<thead>
<tr>
<th>Product identifier</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Name</strong></td>
<td>883AA Isopropyl Alcohol 99%</td>
</tr>
<tr>
<td><strong>Other means of identification</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Product Code(s)</strong></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Recommended use of the chemical and restrictions on use**

- **Recommended Use**: First-Aid
- **Restrictions on use**: Use only as directed.

**Details of the supplier of the safety data sheet**

- **Supplier Name**: Vi-Jon Inc.
- **Supplier Address**: Vi-Jon Inc.
  8800 Page Avenue
  Saint Louis
  MO
  63114
  US
- **Supplier Phone Number**: Phone: 314-427-1000 (M-F 8am-4pm CST)
  Fax:3144271010
- **Supplier Email**: info@vijon.com
- **Emergency telephone number**: Chemtrec: 1-800-424-9300 (24-Hour)
2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Appearance: Clear, Colorless, Water-Thin Liquid

Physical state: Water-Thin Liquid

Odor: Alcohol

GHS Label elements, including precautionary statements

Danger

Hazard statements

- Harmful if swallowed
- Causes serious eye irritation
- May cause drowsiness or dizziness
- Highly flammable liquid and vapor

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof electrical/ ventilating/ lighting/ equipment
Keep cool

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant
Other information
May be harmful if swallowed. May be harmful in contact with skin. May be harmful if inhaled.

Unknown acute toxicity
99 % of the mixture consists of ingredient(s) of unknown toxicity
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
99 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not applicable.</th>
</tr>
</thead>
</table>

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>67-63-0</td>
<td>50 - 100</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>0 - 10</td>
<td>xx-xxx-xxxx</td>
<td>Filed: 02/17/2016 Granted: 02/17/20161</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures

General advice
Show this safety data sheet to the doctor in attendance.

Inhalation
Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion
Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider
Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed
Symptoms
Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Indication of any immediate medical attention and special treatment needed
Note to physicians
Treat symptomatically.
## 5. FIRE-FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Suitable Extinguishing Media</th>
<th>Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>CAUTION: Use of water spray when fighting fire may be inefficient.</td>
</tr>
<tr>
<td>Specific hazards arising from the chemical</td>
<td>Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.</td>
</tr>
<tr>
<td>Hazardous Combustion Products</td>
<td>Carbon oxides.</td>
</tr>
<tr>
<td>Explosion Data</td>
<td></td>
</tr>
<tr>
<td>Sensitivity to Mechanical Impact</td>
<td>None.</td>
</tr>
<tr>
<td>Sensitivity to Static Discharge</td>
<td>Yes.</td>
</tr>
<tr>
<td>Special protective equipment for fire-fighters</td>
<td>Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.</td>
</tr>
</tbody>
</table>

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

| Personal precautions | Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. |
| Other Information | Ventilate the area. Refer to protective measures listed in Sections 7 and 8. |

### Methods and material for containment and cleaning up

| Methods for containment | Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| Methods for cleaning up | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

| Advice on safe handling | Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment. |

### Conditions for safe storage, including any incompatibilities

| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep out of the reach of children. |
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>STEL: 400 ppm</td>
<td>TWA: 200 ppm</td>
<td>IDLH: 2000 ppm</td>
</tr>
<tr>
<td>67-63-0</td>
<td>TWA: 200 ppm</td>
<td>TWA: 980 ppm</td>
<td>10% LEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 400 ppm</td>
<td>TWA: 980 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 980 mg/m³</td>
<td>TWA: 980 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 500 ppm</td>
<td>STEL: 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 1225 mg/m³</td>
<td>STEL: 1225 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario TWAEV</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>TWA: 200 ppm</td>
<td>TWA: 200 ppm</td>
<td>TWA: 200 ppm</td>
<td>TWA: 400 ppm</td>
</tr>
<tr>
<td>67-63-0</td>
<td>STEL: 400 ppm</td>
<td>STEL: 400 ppm</td>
<td>STEL: 400 ppm</td>
<td>TWA: 400 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 492 mg/m³</td>
<td>TWA: 984 mg/m³</td>
<td>STEL: 400 ppm</td>
<td>TWA: 985 mg/m³</td>
</tr>
<tr>
<td></td>
<td>STEL: 984 mg/m³</td>
<td>STEL: 1225 mg/m³</td>
<td>STEL: 400 ppm</td>
<td>STEL: 500 ppm</td>
</tr>
</tbody>
</table>

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 982 (11th Cir., 1992). See section 15 for national exposure control parameters.

Appropriate engineering controls

Engineering controls
- Showers
- Eyewash stations
- Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
- Tight sealing safety goggles.

Hand protection
- Wear suitable gloves. Impervious gloves.

Skin and body protection
- Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection
- No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations
- Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

- Physical state: Water-Thin Liquid
- Appearance: Clear, Colorless, Water-Thin Liquid
- Odor: Alcohol
- Color: Colorless
- Odor Threshold: No data available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>UNKNOWN</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>10°C / 50°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>0.78</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Miscible in water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Other Information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Softening Point</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquid Density</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Particle Size</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials
None known.

Hazardous Decomposition Products
Carbon oxides.
11. TOXICOLOGICAL INFORMATION

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

Information on likely routes of exposure

Product Information

Inhalation
Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

Eye contact
Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact
Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion
Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on components).

Information on toxicological effects

Symptoms
May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>1870 mg/kg (Rat)</td>
<td>4059 mg/kg (Rabbit)</td>
<td>72600 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Water</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Unknown acute toxicity
99 % of the mixture consists of ingredient(s) of unknown toxicity
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
99 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>1870 mg/kg (Rat)</td>
<td>4059 mg/kg (Rabbit)</td>
<td>72600 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Water</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
May cause skin irritation.

Serious eye damage/eye irritation
Classification based on data available for ingredients. Irritating to eyes.

Respiratory or skin sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume 67-63-0</td>
<td>-</td>
<td>Group 3 - Not Classifiable as to Carcinogenicity in Humans</td>
<td>-</td>
<td>X - Present</td>
</tr>
</tbody>
</table>

Reproductive toxicity
No information available.

STOT - single exposure
May cause drowsiness or dizziness.

STOT - repeated exposure
No information available.

Aspiration hazard
No information available.
12. ECOLOGICAL INFORMATION

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Mobility
No information available.

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging
Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers.

US EPA Waste Number
D001

California Waste Codes
331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name
CONSUMER COMMODITY
Hazard Class
ORM-D
Description
CONSUMER COMMODITY, ORM-D
Emergency Response Guide Number
129

TDG
UN-No.
UN1219
Proper Shipping Name
ISOPROPAANOL SOLUTION
Hazard Class
3
Packing Group
II
Description
UN1219, ISOPROPAANOL SOLUTION, 3, II

MEX
UN-No.
UN1219
Proper Shipping Name
ISOPROPAANOL SOLUTION
Hazard Class
3
Packing Group
II
Description
UN1219, ISOPROPAANOL SOLUTION, 3, II

ICAO
UN-No.
UN1219
Proper Shipping Name
ISOPROPAANOL SOLUTION
Hazard Class
3
Packing Group
II
Description
UN1219, ISOPROPAANOL SOLUTION, 3, II

IATA
UN-No.
UN1219
Proper Shipping Name
ISOPROPAANOL SOLUTION
Hazard Class
3
Packing Group
II
ERG Code
3L
Description
UN1219, ISOPROPAANOL SOLUTION, 3, II
IMDG/IMO
- UN-No.: UN1219
- Proper Shipping Name: ISOPROPANOL SOLUTION
- Hazard Class: 3
- Packing Group: II
- EmS-No.: F-E, S-D
- Description: UN1219, ISOPROPANOL SOLUTION, 3, II, (10°C C.C.)

RID
- UN-No.: UN1219
- Proper Shipping Name: ISOPROPANOL SOLUTION
- Hazard Class: 3
- Packing Group: II
- Classification code: F1
- Description: UN1219, ISOPROPANOL SOLUTION, 3, II
- ADR/RID-Labels: 3

ADR
- UN-No.: UN1219
- Proper Shipping Name: ISOPROPANOL SOLUTION
- Hazard Class: 3
- Packing Group: II
- Classification code: F1
- Tunnel restriction code: (D/E)
- Description: UN1219, ISOPROPANOL SOLUTION, 3, II, (D/E)

ADN
- UN-No.: UN1219
- Proper Shipping Name: ISOPROPANOL SOLUTION
- Hazard Class: 3
- Classification code: F1
- Special Provisions: 601
- Description: UN1219, ISOPROPANOL SOLUTION, 3, II
- Hazard Labels: 3
- Limited Quantity: 1 L
- Ventilation: VE01

15. REGULATORY INFORMATION

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

International Regulations
- Ozone-depleting substances (ODS) Not applicable
- Persistent Organic Pollutants Not applicable
- Export Notification requirements Not applicable

International Inventories
- TSCA Contact supplier for inventory compliance status.
- DSL/NDSL Contact supplier for inventory compliance status.
- EINECS/ELINCS Contact supplier for inventory compliance status.
- ENCS Contact supplier for inventory compliance status.
- KECL Contact supplier for inventory compliance status.
- PICCS Contact supplier for inventory compliance status.
- AICS Contact supplier for inventory compliance status.
Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>67-63-0</td>
<td>50 - 100</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65 - NONE
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 99% by volume</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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</tbody>
</table>
16. OTHER INFORMATION

NFPA

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
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</tbody>
</table>

HMIS

<table>
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<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal Protection</th>
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<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>X</td>
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</tbody>
</table>

Prepared By

Product Stewardship
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Latham, NY 12110
1-800-572-6501

Issuing Date
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Revision Date
January 17, 2018

Revision Note
Update to product Flashpoint, NFPA/HMIS

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Approved and Updated by Vi-Jon, Inc.

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End of Safety Data Sheet