



# SAFETY DATA SHEET

TO COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR.1910.1200 & THE  
GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

## SECTION 1: Identification of the Substance/Mixture and of the Company / Undertaking

### 1.1 Product Identifier

Product form: Substance  
Substance name: FIBERLAY ISOPROPYL ALCOHOL (2-PROPANOL)  
CAS No 67-63-0  
Product code: 2035Q, 2035G, 035F, 2035D  
Formula: C<sub>3</sub>H<sub>8</sub>O  
1-methylethanol / 1-methylethyl alcohol / 2-hydroxypropane /  
dimethyl carbinol / ethyl carbinol /  
Synonyms: hydroxypropane / IPA / i-propanol / isoethylcarbinol / propan-2-ol /  
sec-propanol

### 1,2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Disinfectant  
Solvent

### 1.3 Details of the supplier of the safety data sheet

Fiberlay Inc.  
1468 Northgate Blvd  
Sarasota, FL 34234 - USA  
T 782-0660 or 1-800-782-0662

### 1.4 Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300 or 011-703-527-3887

## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture

#### GHS-US classification

Flam. Liq 2 H225  
Eye Irrit. 2A H319  
STOT SE 3 H336

### 2.2 Label elements

#### GHS-US labelling

Hazard pictograms (GHS-US)





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GHS02

GHS07

|                                    |   |   |
|------------------------------------|---|---|
| Signal word (GHS-US):              | Danger  |   |
| Hazard statements (GHS-US):        | H225<br>H319<br>H336  | Highly flammable liquid and vapor<br>Causes serious eye irritation<br>May cause drowsiness or dizziness   |
| Precautionary statements (GHS-US): | P210<br><br>P233<br>P240<br>P241<br><br>P242<br>P243<br>P261<br>P264<br>P271<br>P280<br><br>P303+P361+<br>P353<br>P304+P340<br><br>P305+P351+<br>P338<br>P312<br><br>P337+P313<br>P370+P378<br><br>P403+P233<br><br>P403+P235<br>P405<br>P501 | Keep away from heat, hot surfaces, open flames, sparks. - No smoking<br><br>Keep container tightly closed<br>Ground/bond container and receiving equipment<br>Use explosion-proof electrical, lighting, ventilating equipment<br><br>Use only non-sparking tools<br>Take precautionary measures against static discharge<br>Avoid breathing mist, spray, vapors<br>Wash exposed skin thoroughly after handling<br>Use only outdoors or in a well-ventilated area<br>Wear eye protection, face protection, protective clothing, protective gloves<br><br><b>IF ON SKIN</b> (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower<br><b>IF INHALED</b> : remove victim to fresh air and keep at rest in a position comfortable for breathing<br><br><b>If in eyes</b> : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing<br>Call a POISON CENTER/doctor if you feel unwell<br>If eye irritation persists: Get medical advice/attention<br>In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2) for extinction<br>Store in a well-ventilated place. Keep container tightly closed<br><br>Store in a well-ventilated place. Keep cool<br>Store locked up<br>Dispose of contents/container to comply with local, state and federal regulations |

**2.3 Other Hazards**

Other hazards not contributing to the None

Classification

**2.4 Unknown acute toxicity (GHS-US)**

No data available



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## SECTION 3: Composition / information on ingredients

### 3.1 Substance

Substance Mono-constituent

| Name   | Product identifier | %    | GHS-US classification  |
|--|--------------------|------|--|
| Isopropyl Alcohol (2-Propanol)<br>(Main constituent) | (CAS No) 67-63-0   | 100% | Flammable Liq. 2, H225<br>Eye Irritant 2A, H379<br>STOT SE 3, H336 |

### 3.2 Mixture

Not applicable

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aid measures general:

Check the vital functions. Unconscious: maintain adequate airway and respiration. **Respiratory arrest:** artificial respiration or oxygen. **Cardiac arrest:** perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. **Vomiting:** prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor / hospital. Never give alcohol to drink.

First-aid measures after inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service

First-aid measures after skin contact:

Rinse with water. Soap may be used. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists

First-aid measures after eye contact:

Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists

First-aid measures after ingestion:

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Give activated charcoal. Call Poison Information Centre ([www.big.be/antigif.htm](http://www.big.be/antigif.htm)). Consult a doctor/medical service



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if you feel unwell. Ingestion of large quantities:  
immediately to  
hospital. Doctor: gastric lavage.

## 4.2 Most important symptoms and effects, both acute and delayed

|                                       |   |
|---------------------------------------|---|
| Symptoms/injuries after inhalation:   | EXPOSURE TO HIGH CONCENTRATIONS: Coughing. Dry/sore throat. Central nervous system depression. Dizziness. Headache. Narcosis.   |
| Symptoms/injuries after skin contact: | Dry skin.   |
| Symptoms/injuries after eye contact:  | Irritation of the eye tissue.   |
| Symptoms/injuries after ingestion:    | AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Headache. Dilation of the blood vessels. Low arterial pressure. Nausea. Vomiting. Abdominal pain. Disturbed motor response. Disturbances of consciousness. FOLLOWING SYMPTOMS MAY APPEAR LATER: Body temperature fall. Slowing respiration. |
| Chronic Symptoms:                     | ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Dry skin. Itching. Cracking of the skin. Skin rash / inflammation. Impaired memory   |

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing media

|                                 |   |
|---------------------------------|---|
| Suitable extinguishing media:   | Water spray. Polyvalent foam. Alcohol-resistant foam. BC powder. Carbon dioxide |
| Unsuitable extinguishing media: | Solid water jet ineffective as extinguishing medium                             |

### 5.2 Special hazards arising from the substance or mixture

|                   |   |
|-------------------|---|
| Fire hazard:      | DIRECT FIRE HAZARD. Highly flammable. Gas/vapor flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks. Gas / vapor spreads at floor level; ignition hazard |
| Explosion hazard: | DIRECT EXPLOSION HAZARD. Gas/vapor explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. may be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".  |
| Reactivity:       | Upon combustion: CO and CO <sub>2</sub> are formed. Violent to explosive reaction with (strong) oxidizers. Prolonged storage/in large quantities: may form peroxides.                           |

### 5.3 Advice for firefighters



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Firefighting instructions:

Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat

Protection during firefighting:

Heat/fire exposure: compressed air/oxygen apparatus..

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Protective equipment:

Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.

Emergency procedures:

Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosion proof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

#### 6.1.2 For emergency responders

Protective equipment:

Equip cleanup crew with proper protection. Do not breathe gas, fumes, vapor or spray.

Emergency procedures:

Stop leak if safe to do so. Ventilate area. If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.

### 6.2 Environmental Precautions

Prevent spreading in sewers

### 6.3 Methods and material for containment and cleaning up

For containment:

Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation. Measure the concentration of the explosive gas-air mixture. Dilute/disperse combustible gas/vapor with water curtain. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills.

Methods for cleaning up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth/vermiculite or powdered limestone. Scoop absorbed substance into closing containers. See "Material-handling" for suitable container materials. Damaged/cooled



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tanks must be emptied. Do not use compressed air for pumping over spills. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling

## 6.4 Reference to other sections

No additional information available

## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling

Precautions for safe handling:

Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean / dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark /explosion proof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames / heat. Keep away from ignition Sources / sparks. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust / ventilation .

Hygiene measures:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

### 7.2 Conditions for safe storage

Incompatible products:

Ammonia. Strong acids. Strong oxidizers.

Incompatible products:

Direct sunlight. Heat sources. Sources of ignition.

Heat and ignition sources:

KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.

Prohibitions on mixed storage:

KEEP SUBSTANCE AWAY FROM: oxidizing agents. (strong) acids. (strong) bases. Amines, halogens.

Storage area:

Store in a cool area. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Provide for an automatic sprinkler system. Provide for a tub to collect spills. Provide the tank with earthing. May be stored under nitrogen. Meet the legal requirements.

Special rules on packaging:

SPECIAL REQUIREMENTS: closing. with pressure relief valve. dry. clean. correctly labelled. meet the legal



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requirements. Secure fragile packaging in solid containers.

SUITABLE MATERIAL: stainless steel. monel steel. carbon steel. copper. nickel. bronze. glass. Teflon. polyethylene. polypropylene. zinc. MATERIAL TO AVOID: steel with rubber inner lining, aluminum.

Packaging materials:

### 7.3 Specific end use(s)

No additional information available

## SECTION 8: Exposure controls / personal protection

### 8.1 Control Parameters

| Isopropyl Alcohol (2-Propanol) (67-63-0) |                                     |                       |
|--|-------------------------------------|-----------------------|
| USA ACGIH                                | ACGIH TWA (ppm)                     | 200 ppm               |
| USA ACGIH                                | ACGIH STEL (ppm)                    | 200 ppm               |
| USA OSHA                                 | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 980 mg/m <sup>3</sup> |
| USA OSHA                                 | OSHA PEL (TWA) (ppm)                | 400 ppm               |

### 8.2 Exposure Controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Materials for protective clothing:

GIVE EXCELLENT RESISTANCE: butyl rubber. nitrile rubber. viton. polyethylene/ethylenevinylalcohol. GIVE GOOD RESISTANCE: neoprene. GIVE LESS RESISTANCE: PVC. neoprene/natural rubber. GIVE POOR RESISTANCE: natural rubber. polyethylene. PVA.

Hand protection:

Gloves.

Eye protection:

Safety glasses.

Skin and body protection:

Protective clothing.

Respiratory protection:

Wear gas mask with filter type A if conc. in air > exposure limit.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:

Liquid

Appearance:

Liquid.

Molecular mass:

60.10 g/mol

Color:

Colorless.

Odor:

Alcohol odor. Stuffy odor. Mild odor.

Odor threshold:

3 - 610 ppm





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|  |  |
|--|--|
| Ph:  | 8 - 1499 mg/m <sup>3</sup>   |
| Relative evaporation rate (butylacetate = 1):    | No data available  |
| Relative evaporation rate (ether = 1):           | 2.3  |
| Melting point:                                   | 21   |
| Freezing point:                                  | -88 °C   |
| Flash point:                                     | No data available  |
| Critical temperature:                            | 82 °C  |
| Self- ignition temperature:                      | 12 °C  |
| Decomposition temperature:                       | 235 °C   |
| Flammability (solid, gas):                       | 399 °C   |
| Vapor pressure:                                  | No data available  |
| Vapor pressure at 50 °C:                         | 229 hPa  |
| Critical pressure:                               | 47600 hPa  |
| Relative vapor density at 20 °C:                 | 2.1  |
| Relative density:                                | 0.79   |
| Relative density of saturated gas / air mixture: | 1.05   |
| Density:   | 785 kg/m <sup>3</sup>  |
| Solubility:                                      | Soluble in water. Soluble in ethanol. Soluble in ether.<br>Soluble in acetone. Soluble in oils/fats.<br>Soluble in chloroform. |
|  | Water: Complete  |
|  | Ethanol: Complete  |
|  | Ether: Complete  |
|  | Acetone: soluble   |
| Log Pow  | 0.05 (Experimental value)  |
| Log Kow:   | No data available  |
| Viscosity, kinematic:                            | 2.5316 mm <sup>2</sup> /s (25 °C)  |
| Viscosity, dynamic:                              | 0.0020 Pas (25 °C)   |
| Explosive properties:                            | No data available  |
| Oxidizing properties:                            | No data available  |
| Explosive limits:                                | 2 - 13 vol %<br>50 - 335 g/m <sup>3</sup>  |

## 9.2 Other Information

|                           |  |
|---------------------------|--|
| Minimum ignition energy:  | 0.65 mJ  |
| Specific conductivity:    | 5.8 µS/m   |
| Saturation concentration: | 106 g/m <sup>3</sup>                                 |
| VOC content:              | 100 %  |
| Other properties:         | Gas/vapor heavier than air at 20°C. Clear. Volatile. |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Upon combustion: CO and CO<sub>2</sub> are formed. Violent to explosive reaction with (strong) oxidizers. Prolonged storage/in large quantities: may form peroxides.





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## 10.2 Chemical stability

Stable under normal conditions.

## 10.3 Possibility of hazardous reactions

May react violently with oxidants.

## 10.4 Conditions to avoid

Direct sunlight. High temperature. Incompatible materials. Open flame. Sparks.

## 10.5 Incompatible materials

Ammonia, Strong acids. Strong oxidizers.

## 10.6 Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

Not classified

| <b>Isopropyl Alcohol (2-Propanol) ( 1f )67-63-0</b> |  |
|---|--|
| LD50 oral rat                                       | 5045 mg/kg (5840 mg/kg bodyweight; Rat; Rat; Experimental value,5840 mg/kg bodyweight; Rat; Rat; Experimental value) |
| LD50 dermal rabbit                                  | 12870 mg/kg (16.4; Rabbit; Rabbit; Experimental value,16.4; Rabbit; Rabbit; Experimental Value)                      |
| LC50 inhalation rat (mg/l)                          | 73 mg/l/4h (Rat)   |

Skin corrosion/irritation:

Not classified

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitization:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

| <b>Isopropyl Alcohol (2-Propanol) (67-63-0)</b> |                      |
|---|----------------------|
| IARC group                                      | 3 - Not classifiable |

Reproductive toxicity:

Not classified

Specific target organ toxicity (single exposure):

May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure):

Not classified

Aspiration hazard:

Not classified

Symptoms/injuries after inhalation:

EXPOSURE TO HIGH CONCENTRATIONS: Coughing. Dry/sore throat. nervous system depression. Dizziness. Headache. Narcosis.

Symptoms/injuries after skin contact:

Dry skin.



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Symptoms/injuries after eye contact:

Irritation of the eye tissue.

Symptoms/injuries after ingestion:

AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Headache. Dilation of the blood vessels. Low arterial pressure. Nausea. Vomiting. Abdominal pain. Disturbed motor response. Disturbances of consciousness. FOLLOWING SYMPTOMS MAY APPEAR LATER: Body temperature fall. Slowing respiration.

Chronic symptoms:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Dry skin. Itching. Cracking of the skin. Skin rash/inflammation. Impaired memory

## SECTION 12: Ecological Information

### 12.1 Toxicity

Ecology – general:

Classification concerning the environment: not applicable  
TA-Luft Klasse 5.2.5.

Ecology – air:

Ecology – water:

invertebrates (Daphnia) (EC50 (48h) > 1000 mg./l. Not harmful to algae (EC50 (72h) > 1000 mg/l Inhibition of activated sludge

#### Isopropyl Alcohol (2-Propanol) (67-63-0)

|                         |   |
|-------------------------|---|
| LC50 fishes 1           | 4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system) |
| EC50 Daphnia 1          | > 10000 mg/l (48 h; Daphnia magna)                          |
| LC50 fish 2             | 9640 mg/l (96 h; Pimephales promelas; Lethal)               |
| EC50 Daphnia 2          | 13299 mg/l (48 h; Daphnia magna)                            |
| Threshold limit algae 1 | > 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)    |
| Threshold limit algae 2 | 1800 mg/l (72 h; Algae; Cell numbers)                       |

### 12.2 Persistence and degradability

#### Isopropyl Alcohol (2-Propanol) (67-63-0)

|                                 |  |
|---------------------------------|--|
| Persistence and degradability   | Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test)data on mobility of the substance available. |
| Biochemical oxygen demand (BOD) | 1.19 g O <sup>2</sup> /g substance   |
| Chemical oxygen demand (COD)    | 2.23 g O <sup>2</sup> /g substance   |
| ThOD                            | 2.40 g O <sup>2</sup> /g substance   |
| BOD (% of ThOD)                 | 0.49 % ThOD  |

### 12.3 Bioaccumulative potential

#### Isopropyl Alcohol (2-Propanol) (67-63-0)

|                           |  |
|---------------------------|--|
| Log Pow                   | 0.05 (Experimental value)                        |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

### 12.4 Mobility in soil



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## Isopropyl Alcohol (2-Propanol) (67-63-0)

|                 |                   |
|-----------------|-------------------|
| Surface tension | 0.021 N/m (25 °C) |
|-----------------|-------------------|

### 12.5 Other adverse effects

No additional information available

## SECTION 13: Disposal Considerations

### 13.1 Waste treatment methods

Waste disposal recommendations:

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Remove to an authorized waste incinerator for solvents with energy recovery. Do not discharge into surface water. Obtain the consent of pollution control authorities before discharging to wastewater  
LWCA (the Netherlands): KGA category 03. Hazardous waste according to Directive 2008/98/EC

Additional information:

## SECTION 14: Transport information

### In accordance with DOT

|  |   |
|--|---|
| Transport document description:                    | UN1219 Isopropyl alcohol, 3, II                               |
| UN-No.(DOT):                                       | 1219  |
| DOT NA no.:  | UN1219  |
| DOT Proper Shipping Name:                          | Isopropyl alcohol   |
| Department of Transportation (DOT) Hazard Classes: | 3 - Class 3 – Flammable and combustible liquid 49 CFR 173 120 |
| Hazard labels (DOT):                               | 3 - Flammable liquids   |



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Packing Group:

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):  
DOT Packaging Non Bulk (49 CFR 173.xxx):  
DOT Packaging Bulk (49 CFR 173.xxx):  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):  
DOT Vessel Stowage Location:

4b;150  
202  
242  
5 L  
60 L  
B - (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

**Additional information:**

Other information No supplementary information available  
State during transport (ADR-RID): As liquid

**ADR**

Transport document description: UN 1219 Isopropanol (isopropyl alcohol), 3, II, (D/E)  
Packing group (ADR): II  
Class (ADR): 3 - Flammable liquids  
Hazard identification number (Kemler No.): 33  
Classification code (ADR): F1  
Danger labels (ADR): 3 – Flammable liquids



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|      |
|------|
| 33   |
| 1219 |

D/E

Orange plates:

Tunnel restriction code:

### Transport by sea

UN-No. (IMDG): 1219  
 Class (IMDG): 3 - Flammable liquids  
 EmS-No. (1): F-E  
 EmS-No. (2): S-D

### Air transport

UN-No.(IATA): 1219  
 Class (IATA): 3 - Flammable Liquids  
 Packing group (IATA): II - Medium Danger

## SECTION 15: Regulatory information

### 15.1 U.S. Federal Regulations

#### Isopropyl Alcohol (2-Propanol) (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
 Listed on SARA Section 313 (Specific toxic chemical listings)

### 15.2 Regulations Canada

#### Isopropyl Alcohol (2-Propanol) (67-63-0)

|                      |  |
|----------------------|--|
| WHMIS Classification | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|

### EU Regulations

No regulations available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225  
 Eye Irrit. 2 H319  
 STOT SE 3 H336

Full text of H-phrases: see section 16

#### Classification according to Directive 67/548/EEC or 1999/45/EC



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F; R11  
 Xi; R36  
 R67  
 Full text of R-phrases: see section 16

### 15.2.2 National regulations

No additional information available

### 15.3 State regulations

No additional information available

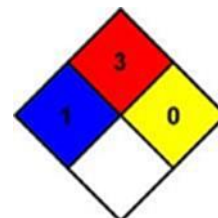
### SECTION 16: Other information

|               |  |
|---------------|--|
| Eye Irrit. 2A | Serious eye damage/eye irritation, Category 2A                         |
| Flam. Liq. 2  | Flammable liquids, Category 2  |
| STOT SE 3     | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H225          | Highly flammable liquid and vapor                                      |
| H319          | Causes serious eye irritation  |
| H336          | May cause drowsiness or dizziness                                      |

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given

NFPA fire hazard: 3 - Liquids and solids that can be ignited under almost all ambient Conditions.

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



### HMIS III Rating

|                      |  |
|----------------------|--|
| Health:              | 1 Slight Hazard – irritation or minor reversible |
| Flammability:        | 3  |
| Physical:            | 0  |
| Personal Protection: | H  |

SDS US (GHS HazCom 2012)

Preparation Date: 1-1-2019

Prepared by: Kevin Aber

Comments: This Safety Data Sheet was prepared using information provided by Fiberlay Inc.

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