

Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof, electrical, ventilating, or lighting equipment.

P264 Wash thoroughly after handling.

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

P370+P378 In case of fire: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical to extinguish.

2.3 Other Hazards: None known.

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS No.	EINECS/REACH Registration	Classification	Concentration
2-propanol (Isopropyl alcohol)	67-63-0	200-578-6	Flam. Liq (H225) Eye 2 (H319)	75-99%

See Section 16 for further information on GHS Classification.

### 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures:

Eye: Flush eyes with large quantities of water for 15 minutes. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin: No first aid should be required. Wash skin with water. Get medical attention if irritation develops or persists.

Inhalation: If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms persists.

Ingestion: Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed: Direct contact with liquid may cause moderate eye irritation. Inhalation of high concentration of vapors may cause upper respiratory tract irritation and central nervous system effects.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed: None required under normal conditions of use.

## 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use alcohol-resistant foam, carbon dioxide and dry chemical.

5.2 Special Hazards arising from the Substance or Mixture: This product is a solid saturated with a flammable liquid and will burn under fire conditions. Combustion may produce carbon oxides.

5.3 Advice for Fire-Fighters: Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Use non-sparking tools and equipment. Avoid contact with eyes. Wear appropriate protective clothing as described in Section 8.

6.2 Environmental Hazards: Report spill as required by local and federal regulations.

6.3 Methods and Material for Containment and Cleaning Up: Do not reuse wipe. Pick up wipe and place in an appropriate container for flammable waste disposal. Do not flush in toilet.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

## 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid contact with eyes. Avoid breathing vapors. Wear protective clothing and equipment as described in Section 8. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry location away from incompatible materials. Do not store near heat or open flame. Keep away from incompatible materials. Protect container from physical damage. Keep containers closed when not in use.

7.3 Specific end use(s): Professional use only

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Control Parameters

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure limits in air below TLV and PEL limits.

Components with occupational exposure limits:

67-63-0 Isopropyl Alcohol

PEL	Long-Term Value: 980 mg/m <sup>3</sup> , 400 ppm
REL	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm
TLV	Short-term Value 984 mg/m <sup>3</sup> , 400 ppm

Ingredients with biological limit values:

67-63-0 Isopropyl Alcohol

BE	40 mg/L Urine End of shift at end of workweek Acetone (Background, nonspecific)
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Additional information: The lists that were valid during the creation of the SDS were used as basis.

Exposure controls

Personal protective Equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with eyes.

Breathing equipment: Not required

Protection of hands: Not required

Eye protection: Not required

Body Protection: Not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information and basic physical and chemical properties

General Information

Appearance:

Form: Disposable Wipe

Color: White

Odor: Alcohol odor

Odor Threshold: Not applicable

pH: 7.5 (saturant)

Melting point/ freezing point: Not available

Boiling point/range: 82°C(180°F)

Flash point: 24.0°C(75°F)

Evaporation rate: Not available

Flammability (solid, gas): Flammable solid

Vapor density: Not available

Relative density: 0.883 (Saturant)

Solubility(ies): Soluble in water (Saturant)

Partition coefficient (n-octanol/water): Not available

Auto-ignition temperature: 399°C(750°F)

Decomposition temperature: Not available

Viscosity: Not available

Explosive Properties: Not explosive

Solvent Content: Organic

Solvent: 75 - 99%

Water: 1 - 25%

## 10. STABILITY AND REACTIVITY

- 10.1 Reactivity: Not reactive under normal conditions of use.
- 10.2 Chemical Stability: Stable under normal storage and handling conditions.
- 10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- 10.4 Conditions to Avoid: Keep away from heat, sparks, and open flames.
- 10.5 Incompatible Materials: Avoid contact with strong oxidizing agents
- 10.6 Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

LD/LC50 values that are relevant for classification:

67-63-0 Isopropyl Alcohol

Oral LD50 – 5045 mg/kg (rat)

Dermal LD50 – 12800 mg/kg (rabbit)

Inhalative LC50/4h – 30 mg/l (rat)

LC50/96 hours – 9640 mg/l (Pimephales)

Skin corrosion/irritation: This product not expected to cause skin corrosion or irritation.

Eye damage/irritation: This product is expected to cause eye irritation.

Respiratory Irritation: This product is not expected to cause respiratory irritation.

Respiratory Sensitization: This product is not expected to cause respiratory sensitization.

Skin Sensitization: This product not expected to cause skin sensitization.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or EU CLP.

## 12. ECOLOGICAL INFORMATION

### Toxicity

#### Aquatic Toxicity:

67-63-0 Isopropyl Alcohol

EC50 6851 mg/l (Green algae)

5102 mg/l (Water flea)

- 12.1 Persistence and Degradability: No data available
- 12.2 Bioaccumulative Potential: No data available
- 12.3 Mobility in Soil: No data available
- 12.4 Results of PBT and vPvB Assessment: No data available
- 12.5 Other Adverse Effects: None known.

### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Recycle or dispose with household trash

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

Dispose of unused product/

Recommended cleansing agent: Water, if necessary with cleansing agents.

### 14. TRANSPORT INFORMATION

UN-Number	UN1987
DOT	Alcohols, n.o.s (Isopropanol)
ADR	UN1987 Alcohols, n.o.s (Isopropanol)
IMDG, IATA	ALCOHOLS, N.O.S (ISOPROPANOL ALCOHOL)
Transport Hazard class(es)	
DOT CLASS	3 Flammable liquids
Label	3
ADR	3 (F1) Flammable liquids
Label	3
IMDG, IATA	3 Flammable liquids
Label	3
Recommendation:	Rec

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

## 15. REGULATION INFORMATION

15.1 Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture:

### U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

### SARA TITLE III:

Hazard Category for Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the ingredients of this product are listed on the TSCA inventory.

### STATE REGULATIONS:

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Massachusetts RTK: Ethanol is listed.

Pennsylvania RTK: Ethanol and 1, 2-Propanediol are listed.

Rhode Island RTK: Ethanol and 1, 2-Propanediol are listed.

New Jersey RTK: Ethanol and 1, 2-Propanediol are listed.

### CANADIAN REGULATIONS

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL).

### EUROPEAN REGULATIONS

REACH: Applicable

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

16. OTHER INFORMATION
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HMIS Ratings: Health – 2

Flammability – 3

Physical Hazard - 0

NFPA Ratings: Health – 2

Flammability – 3

Instability – 0

Date of preparation: January 10, 2021

GHSClassification for Reference (See Section 3):

Eye Irrit. 2 Eye Irritant Category 2

Flam. Liq. 2 Flammable Liquid Category 2

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.