



# Safety Data Sheet

Issue Date: 11/9/2020

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version number: 3

## Section 1. Identification

**Product Identifier** ISOPROPYL ALCOHOL SOLUTION

**Synonyms** ISOPROPYL ALCOHOL, ISOPROPANOL, 2-PROPANOL

### Manufacturer Item Numbers and UPC numbers

99%

16 oz.: 91026 (077223910263)

Gallon: 91033 (077223910331)

91%

16 oz.: 91029 (077223910294)

70%

12 oz.: 91035 (077223910355)

16 oz.: 91027 (077223910270)

32 oz.: 91030 (077223910300)

Gallon: 91034 (077223910348)

50%

12 oz.: 91036 (077223910362)

16 oz.: 91028 (077223910287)


### Supplier Contact

SKM Industries Inc.  
1012 Underwood Road / Box 278  
Olyphant, Pa 18447  
Telephone: 570-383-3062  
Fax: 570-383-9482

### Emergency telephone number

Chemtrec: US & Canada 1-800-424-9300

## Section 2. Hazards Identification

Classification	ACUTE TOXICITY - DERMAL - Category 5 ACUTE TOXICITY - ORAL - Category 5 EYE DAMAGE/IRRITATION - Category 2B FLAMMABLE LIQUIDS - Category 3 SENSITIZATION - SKIN - Category 1B
Signal Word	Warning
Pictogram	
Hazard Statements	Causes eye irritation Flammable liquid and vapor May be harmful if swallowed May be harmful in contact with skin May cause an allergic skin reaction
Precautionary Statements	
Response	Call a poison center/doctor/ ... /if you feel unwell. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If on skin: Wash with plenty of water/ ... If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use ... to extinguish. Specific treatment (see ... on this label) Wash contaminated clothing before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Ground/bond container and receiving equipment. Keep away from heat. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/.../equipment. Use only non-sparking tools. Wash ...thoroughly after handling. Wear protective gloves. Wear protective gloves/eye protection/face protection
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container to ...

## Section 3. Ingredients

### 99% solution

CAS number	Ingredient name	% by weight
67-63-0	Isopropanol	99 -100
7732-18-5	water	0.05-1

### 91% solution

CAS number	Ingredient name	% by weight
67-63-0	Isopropanol	91
7732-18-5	Deionized water	9

### 70% solution

CAS number	Ingredient name	% by weight
67-63-0	Isopropanol	70
7732-18-5	Deionized water	30

### 50% solution

CAS number	Ingredient name	% by weight
67-63-0	Isopropanol	50
7732-18-5	Deionized water	50

## Section 4. First-Aid Measures

Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact:	Wash with soap and water; if irritation persists, seek medical attention.
Inhalation:	Remove victim to fresh air. Seek medical attention if discomfort continues.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media  
Unsuitable Extinguishing Media

In case of fire, use Water, Carbon Dioxide (CO<sub>2</sub>), Foam, Dry Chemical  
Do not use water jet, as this will spread fire

Unusual Fire and Explosion Hazards n/a  
Special Fire Fighting Procedures n/a

## Section 6. Accidental Release Measures

**Flammable Small Spill:** Absorb with an inert dry material and place in an appropriate waste disposal container.

**Flammable Large Spill:** Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

## Section 7. Handling and Storage

**Handling Flammable:** Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/ fumes/ vapor/ spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

**Storage Flammable:** Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

## Section 8. Exposure Controls/Personal Protection

### Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	n/a

**Personal Protective Equipment** Goggles, Gloves

**Engineering Controls:** Ventilation: Local exhaust.

**Respiratory Protection:** Air supplied masks or respirator in confined areas

**Skin Protection:** Protective gloves: Rubber Protective gloves: Vinyl.

**Eye Protection:** Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

**Work/hygienic practices:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas

## Section 9. Physical and Chemical Properties

Physical State	Liquid Colorless
Color	Characteristic
Odor	Odor N/A
Odor Threshold	Complete
Solubility in Water	N/A
Partition coefficient Water/n-octanol	N/A
VOC %	N/A
Viscosity	N/A
Specific Gravity (99%)	0.786
Specific Gravity (91%)	0.809
Specific Gravity (70%)	0.859
Specific Gravity (50%)	0.905
Flash Point	77 Degrees F
FP Method Ph	TCC
Melting Point	N/A
Boiling Point	87 Degrees C
Boiling Range	N/A
LEL	2
UEL	12
Evaporation Rate	2.3
Flammability	N/A
Decomposition Temperature	N/A
Auto-Ignition Temperature	N/A
Vapor Pressure	33mmHg
Vapor Density	2.07

## Section 10. Stability and Reactivity

Stability: Stable

Reactivity: None

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts: Burning may produce Carbon Monoxide, Carbon Dioxide and other hazardous components.

Hazardous Polymerization N/A

Conditions to avoid: Keep away from heat. Sparks. Open flame.

## Section 11. Toxicological Information

Acute Toxicity: Eye Contact Contact may cause temporary moderate irritation

Acute Toxicity: Skin Contact May cause mild irritation on patients with sensitive skin

Acute Toxicity: Inhalation May cause drowsiness or dizziness, headache, nausea, vomiting. Prolonged inhalation may be harmful.

Acute Toxicity: Ingestion May be harmful if swallowed

Carcinogenicity: None known

Chronic Toxicity: None known

## Section 12. Ecological Information

Toxicity: N.A.

## Section 13. Disposal

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## Section 14. Transport Information

UN Number 1219  
UN Proper Shipping Name Isopropanol, 3  
DOT Classification Hazmat at all levels depending on size of packaging, Excepted or Limited Quantity or Fully Regulated  
Packing Group PG II  
Additional Information IATA OR IMDG - UN1219, Isopropanol,3, PG II

## Section 15. Regulatory Information

US Federal Regulations: General Product Information	N.A.
US Federal Regulations: Clean Air Act	N.A.
US Federal Regulations: Component Analysis	N.A.
US Federal Regulations: Food & Drug Administration	N.A.
State Regulations: General Product Information	N.A.
State Regulations: Component Analysis	N.A.
Other Regulations:	N.A.
Other Classifications:	N.A.
WHMIS (Canada):	N.A.
California Prop.65:	N.A.

## Section 16. Other Information

Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

Additional Information The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees

Additional Information

NFPA  
Health 1  
Reactive 1  
Fire 3