

1. Product & Company Identification

Product Name: 90+% Alcohol Sanitizer
 Item Number(s): A-014
 Relevant Identified Use: Hand & Surface Sanitizing Solution
 Restrictions On Use: **This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.**

Manufacturer: Mid York Products/Reliable
 639 Fitch st
 Oneida NY 13421

**Emergencies Involving A Spill, Leak, Fire, 270
 Exposure or Accident, Contact:**

Chem. trec 1-800424-9300

2. Hazard(s) Identification

Hazard Classification	Hazard Statements	Hazard Category
H225 Flammable liquids (chapter 2.6)	Highly flammable liquid and vapour	2
H319 Serious eye damage/eye irritation (chapter 3.3)	Causes serious eye irritation	2A
H336 Specific target organ toxicity, single exposure; Narcotic effects (chapter 3.8)	May cause drowsiness or dizziness	3

Signal Word:

Danger

Hazard Pictograms:



Precautionary Statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.
 P233 Keep container tightly closed.
 P280 Keep out of eyes, ears and mouth.
 P370+P378 In case of fire: Use CO2, dry chemical or foam for extinction.
 P303+P361+P353 Stop use and ask a doctor if irritation or rash occurs. These may be signs of a serious condition.
 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 advice/attention.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTER or doctor/... if you feel unwell.
 P301+P310 IF SWALLOWED: get medical help or contact a Poison Control Center right away.
 Store between 15-30C (59-86F)/ Avoid freezing and excessive heat above 40C (104F).
 P501 Dispose of contents/container to local/regional regulations.
 Empty container may still emit flammable vapours.

3. Composition/Information on Ingredients

Chemical Characterization: Mixture

Chemical Name	Synonym	CAS #	Concentration
Isopropyl Alcohol		67-63-0	>=90%
Glycerine		56-81-5	1-2%

4. First Aid Measures

After Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Seek medical attention if respiratory irritation or distress continues.
 After Skin Contact: Wash with plenty of soap and water as a precaution. If irritation persists, seek medical attention. Wash contaminated clothing before re-use.

After Eye Contact: Flush with a gentle, steady stream of water for at least 15 minutes. Seek medical attention.

After Swallowing: Do NOT induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Do not leave victim unattended. If symptoms occur, seek medical attention.

5. Firefighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide, alcohol-resistant foam, water spray.

Specific Firefighting Measures: Do not use high-volume water jet.

Unusual Fire and Explosion Hazards: Vapors may form explosive mixture with air. Flash back possible over considerable distance.

Special Protective Equipment: Wear a self-contained breathing apparatus and PPE.

Special Precautions: N/A

6. Accidental Release Measures

Personal Precautions/Protective Equipment: Remove all sources of ignition. Wear PPE.

Emergency Procedures: Dispose according to State, Federal & Local regulations.

Environmental Precautions: Avoid runoff to waterways and sewers.

7. Handling & Storage

Precautions For Safe Handling: Avoid prolonged contact with skin. Keep away from heat and sources of ignition. Take precautionary measures against static discharge. Do not swallow, do not get in eyes, do not breath vapors or spray mist. Use only as directed.

Recommended Storage Conditions: Protect against physical damage. Store in a cool, dry, well ventilated location away from incompatibles. Do not store in unlabeled or mislabeled containers. Keep tightly closed.

8. Exposure Controls / Personal Protection

OSHA Permissible Exposure Limits (PELs): **Isopropyl Alcohol** TWA: 400 ppm 980 mg/m³
STEL: 500 ppm 1225 mg/m³

ACGIH Threshold Limit Values (TLVs): **Isopropyl Alcohol** TWA: 200 ppm
STEL: 400 ppm

Appropriate Engineering Controls: Ensure adequate ventilation. Use explosion-proof equipment.

Personal Protective Measures: Wear safety glasses with side-shields or splash-proof goggles to avoid eye contact. Wear protective clothing, including gloves, lab coat, apron or coveralls as appropriate to minimize skin contact.

General Industrial Hygiene Practices: Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. Physical & Chemical Properties

Appearance:	Clear Liquid	Odor:	Alcohol-like	Odor Threshold:	N/A
pH:	N/A	Melting Point:	-88° C	Freezing Point:	0° C
Initial Boiling Point:	~100° C	Boiling Range:	82° C	Flash Point:	18° C
Evaporation Rate:	1.7	Flammability (Solid):	Unknown	Flammability (Gas):	Unknown
Lower Explosive Limit:	2.0 vol %	Upper Explosive Limit:	12.7 vol %	Vapor Pressure:	20 mmHG@332° C
Vapor Density:	2.1 (Air = 1.0)	Relative Density:	.78-.79	Solubility:	100%
Log Kow:	Unknown	Auto-Ignition Temp:	399° C	Decomposition Temp:	Unknown
Viscosity:	Unknown				

10. Stability & Reactivity

Reactivity: No information available.
Chemical Stability: This product is stable under normal handling & storage conditions.
Other Information: Incompatible with heat, sparks, flames, strong acids & oxidizing agents.

11. Toxicological Information**Isopropyl Alcohol**

Routes of Harmful Exposure: Eye contact, skin contact, inhalation
Delayed, Immediate or Chronic Effects: Severe eye irritant. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Acute Toxicity Estimates: Classification criteria not met.
Known or Suspected Carcinogens: None (NTP, IARC, OSHA)

12. Ecological Information**Isopropyl Alcohol**

Ecological Toxicity Data: LC50: 9640 mg/L, 96h flow-through (Pimephales promelas)
EC50: >1000 mg/L, 96h (Desmodemus subspicatus)

Persistence & Degradability: Unknown
Bioaccumulation Potential: Unknown
Adsorption or Leaching Concerns: None known
Other Adverse Effects: None known

13. Disposal Considerations

Waste Disposal Recommendations: Dispose according to local/regional regulations.
Ecology - Waste Material: Avoid release to the environment.
EPA Hazardous Waste: No

14. Transport Information

US Department of Transportation: Regulated
UN Number: UN1219
Proper Shipping Name: ISOPROPANOL
Hazard Class: 3
Packing Group: II

15. Regulatory Information

Inventory Status: All components included on TSCA, DSL, EINECS/ELINCS, AICS, MITI, KECL Inventory Lists.
Federal Regulations: All functional components of this product are listed on the TSCA inventory.

16. Other Information

California "Prop 65": This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

This information is furnished without warranty, expressed or implied, and is believed to be accurate to the best knowledge of Applied Chemistries, Inc. The data on this SDS relates only to the specific material design herein. Applied Chemistries Inc. assumes no legal responsibility for use or reliance upon this data. This product has been classified according to the hazard criteria of the CPR and this SDS contains all the information required by the CPR.