



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: EVAPO-CLEAN

Application: Food Grade Alcohol base sanitizer with Quaternary Ammonium

Product Number: 259

UN-Number: 1219

Manufacturer Information: Sunrise Environmental Scientific

Emergency Phone No.

Remit: PO Box 10207 Reno, NV 89510

Chemtrec: 1-800-424-9300

Physical: 1175 Industrial Way Sparks, NV 89431

Phone Number: 775-359-8494 or 800-648-1153

Pages: 3

Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

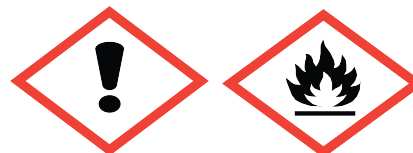
Keep out of reach of children.

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), ingestion and inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer and permeate).

Potential Chronic Health Effects:

Slightly hazardous in case of skin contact (sensitizer), Gastrointestinal irritant, can be harmful to infants.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Isopropanol	67-63-0	25%≤75%	400 ppm	400 ppm	N/A
Quaternary Ammonium Chlorides	68424-95-3 / 68424-85-1	0.0001%≤0.001%	N/A	N/A	N/A
Comments: None					

4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek medical attention.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting and get medical attention.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek medical attention.

Additional Information: Treat as Methyl Alcohol ingestion.

5. FIRE FIGHTING MEASURES

Flash Point: 70.5°F TCT

Upper Flammable Limit (UEL): 12.7%

Lower Flammable Limit (LEL): 6.0%

Auto Ignition: 750.2°F

Rate of Burning: N/A

General Fire Hazards: N/A

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment

NFPA Rating: (Flammability 3) (Health 0) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

Environmental Precautions: Isolate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

Additional Information: Follow local and federal regulations with regard to chemical spills.

7. HANDLING AND STORAGE

Handling Procedure: Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.
Wash hands thoroughly after handling the product.

Storage Procedures: Keep in a well-ventilated place, away from open flame, heat, reactive chemicals and/or other source of ignition. Avoid storing above 77°F. Prevent electrostatic charge build-up by using common bonding and grounding techniques.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

IARC Monographs: No

NTP: No

Engineering Measures: Use fan in confined area. Use local exhaust ventilation.

Personal Protective Equipment (PPE): Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

Hygiene Recommendations: Use caution appropriate to flammable liquid. Use protective equipment (apron and boots are optional).

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid/Alcohol like odor

Physical State: Liquid

Vapor Pressure: 33 mmHg (at 20°C)

Boiling Point: 180°F

Solubility (H₂O): Completely soluble in water

Freezing Point: N/D

Odor: Alcohol like odor

pH: 6.5-7.5

Evaporation rate: < 1 compared to water

Density: N/D

Vapor Density: 2.1 (AIR=1)

Melting Point: N/D

Specific Gravity: 0.89

VOC: 58.9%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Heat, flames and sparks.

Incompatibility: Oxidizing agents, acids and alkali metals.

Hazardous Decomposition: May produce toxic oxides of carbon.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Chronic Toxicity Data: CNS effects include fatigue, numbness, eye and skin irritation.

Carcinogenicity: No component in this product is a carcinogenic.

Chronic Toxicity: Not established.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: UN 1219, ISOPROPANOL, 3, PG II

Marine Pollutant: N/D

Shipping Name: Evapo-Clean

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Flammable, Irritant

Hazard Symbol: Exclamation Point, Flame



US Federal Regulations

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a combustibile liquid, moderate skin irritant, moderate eye irritant and a skin sensitizer.
SARA Title III-This product does not contain any chemicals component with known CAS number that exceed the threshold reporting level establish by SARA Title III, section 313.

State Regulations

California Prop. 65

This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 03/27/2014

Revision Date: 05/06/2015

Contact Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153
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