

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: HAND SANITIZER
Product Code: 2211-04, 2211-05
Recommended Use: Liquid Hand Sanitizer

Manufacturer, Importer, Supplier:

Company Information: Greenline Laboratories, Inc.
 1851 S. Taylor Place
 Ontario, California 91761

Phone: General Assistance 1-909-923-1722

Emergency Telephone Number:
INFOTRAC: (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS Classification:

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910, 1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

GHS Label Element:

Signal Word:

WARNING

(Category 2B)



Eye Irritation

(Category 3)



Flammable Liquids

Hazardous Statements:

Precautionary Statements:

General:

Read label before use. Keep out of reach of children. If medical advise is needed, have product container or label at hand. **NO SMOKING**

Prevention:

Keep away from heat, sparks and open flames. Use in well ventilated areas. Keep container tightly closed.

Response:

IN CASE OF FIRE: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Get medical attention if you don't feel well.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing. If eye irritation persists, get medical attention.

If Inhaled:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage:

Store in accordance to local regulations. Keep cool in a well-ventilated place.

Disposal Method:

Dispose of in accordance with all Local, State and Federal regulations.

Empty Container:

Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	CAS #	Weight %
Ethanol 40-B	64-17-5	60-65%

4. FIRST AID MEASURES

Eye Contact:

Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses. If irritation persists, get medical attention.

Skin Contact:

For accidental exposure to large quantities, wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops.

Inhalation:

Remove victim to fresh air. If symptoms continue, get medical attention.

Ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water (X), Dry Chemical (X), Foam (X). Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable Extinguishing Media:	None known
Specific Hazards:	FLAMMABLE. May explode when heated. Vapors may travel to source of ignition and flash back.
Hazardous Combustion Products:	Carbon Oxides
Special Protective Equipment For Firefighters:	Avoid breathing of vapors. Use water spray to disperse vapors. Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.
Special Extinguishing:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.
Other Considerations:	Sensitivity to Static Discharge: May be ignited by friction, heat, sparks or flames.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Ensure adequate ventilation, especially in confined areas.
Methods and Materials for Containment and Clean-Up:	To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use an inert dry material such as sand or a non-combustible absorbent material. Using non-sparking tools sweep up and shovel into leak proof containers. Use a water rinse for final clean-up.
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, sewers and storm drains.

7. HANDLING AND STORAGE

Handling:	Keep away from heat, sparks, flame and other sources of ignition. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. Store between 40 to 100 °F.
Storage:	Store in a clean container tightly closed and protected from direct sunlight in an upright position. Keep in a dry, cool and well-ventilated place. Keep from freezing. Store away from excessive heat. Do not mix with other chemicals such as Hypochlorite and Ammonia, could cause fire and explosion hazard.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components	CAS Number	Form of Exposure	Permissible Concentration
Ethanol 40-B	64-17-5	STEL	1000ppm
Ethanol 40-B	64-17-5	PEL	1900 mg/m3

OSHA Table Comments:	NL = Not Listed
Engineering Controls:	Good general ventilation should be sufficient to control airborne contaminants. Showers, eyewash stations and ventilation systems.
Personal Protective Equipment	
Eye Protection:	Wear safety glasses with side shields (goggles).
Hand Protection:	None required under normal use conditions.
Skin and Body Protection:	None required under normal use conditions.
Respiratory Protection:	In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing prior to reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Lower Explosion Limit:	Not determined
Color:	Clear	Specific Gravity:	0.945
Odor:	Alcohol Smell	Vapor Pressure:	N/A
Odor Threshold:	Not determined	Vapor Density: (Air = 1)	N/A
pH:	7.5 ± 0.5	Water Solubility:	100%
Flash Point:	Not determined	Partition Coefficient: N-Octanol/water	Not determined
Melting Point/Range:	Not determined	Autoignition Temperature:	Not determined
Boiling Point/Range:	Not determined	Viscosity:	70,000 CPS @ 77 °F
Evaporation Rate: (Water = 1)	<1 (slower than water)	Molecular Weight:	Not determined
Flammability: (Solid, Gas)	Not determined	VOC Content:	0%
Upper Explosion Limit:	Not determined		

10. STABILITY AND REACTIVITY

Stability:	The product is stable under normal conditions.
Polymerization:	Under normal conditions of storage and use, hazardous polymerization does not occur.
Conditions To Avoid:	Avoid contact with open flame. Keep from excessive heat and poor ventilation. Keep from freezing.
Materials To Avoid:	Strong Oxidizing Agents, Strong Acids, Heat, Sparks, Open Flame and other ignition sources.
Hazardous Decomposition Products:	Carbon Oxides (CO,CO ₂)

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure: No acute or chronic toxic effects expected when used according to directions. None Identified.
Eye Contact (X), Skin (X), Inhalation (X), Ingestion (X)

Potential Health Effects:

Eyes:	May cause irritation, redness
Skin:	Prolonged exposure may dry the skin
Ingestion:	May be harmful if swallowed.
Inhalation:	May cause coughing
Chronic Exposure:	No symptoms known or expected

Toxicity:

Acute Oral Toxicity:	Acute toxicity estimate: >5,000 mg/kg
Acute Inhalation Toxicity:	No Data Available
Acute Dermal Toxicity:	Acute toxicity estimate: >5,000 mg/kg
Skin Corrosion/Irritation:	No Data Available
Eye Damage/Irritation:	Mild eye irritation
Respiratory or Skin Sensitization:	No Data Available

Carcinogenicity:

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
OSHA:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen, or potential carcinogen by OSHA.
NTP:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known, or anticipated carcinogen by NTP.

12. ECOLOGICAL INFORMATION

Environmental Information: This product has no known ecotoxicological effects. None Identified.

Environmental Impact: The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

13. DISPOSAL CONSIDERATIONS

Waste From Residues / Unused Products: Dispose of in accordance with all Local, State and Federal regulations.
Empty Container: Non-refillable container. Do not reuse the container. Before discarding container, rinse thoroughly with water.

14. TRANSPORT INFORMATION

The shipper/consignor sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

DOT (Department of Transportation):

Land Transport:

Not dangerous goods

SEA Transport (IMDG/IMO):

Not dangerous goods

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	1219	Isopropanol Flammable Liquids	3	II	

NOTE: DOT classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* - Packaging Group

15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right - To - Know
CERCLA Reportable Quantity

United States:

SARA (Superfund Amendmens and Reauthorization Act)

SARA 304 Extremely Hazardous Substances

Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:

Acute Health Hazard: Yes
 Chronic Health Hazard: Yes
 Fire Hazard: Yes
 Sudden Release of Pressure Hazard: No
 Reactive Hazard: No

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 Version: 1.0
 Revision Date: 07/21/2015
 Supersedes: New to GHS

HMIS RATING		
Health:	1	HMISH
Flammability:	3	HMISF
Reactivity:	0	HMISR
Personal Protection:	(A)	HMISP

(Safety Glasses)

NFPA:



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