

SAFETY DATA SHEET



SECTION 1— COMPANY & PRODUCT IDENTIFICATION

PRODUCT

Product Name: Hand Sanitizer

Control Number: 20201

Product Description: hand cleansing solution

COMPANY IDENTIFICATION

Supplier: Seaside Grown

10 Old Polowana Road, St. Helena Island, SC 29920

General Information: (843) 377-2602

SECTION 2— HAZARDOUS IDENTIFICATION

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids Category 2

Serious eye damage Category 2A

Specific target organ toxicity - single exposure (Category 3), Central nervous system

GHS Label elements, including precautionary statements

Pictograms



Signal word Danger

Hazard statement(s)

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face 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 advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3— COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	%WEIGHT
N-Propanol	71-23-8	65-75

CHEMICAL NAME	CAS NUMBER	%WEIGHT
Hydrogen Peroxide	7722-84-1	0.1-0.4

CHEMICAL NAME	CAS NUMBER	%WEIGHT
Glycerol	56-81-5	01-04

Water

Contains no impurities or stabilizing additives which themselves are classified and which contribute to the classification of this product.

SECTION 4— FIRST AID MEASURES

FIRST AID PROCEDURES:

Skin Contact Consult a physician if irritation develops.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and seek medical attention.

Swallowed/Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

See Section 11 for **Signs and Symptoms of Exposure**

SECTION 5— FIRE EXTINGUISHING MEASURES

Suitable Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products: Oxides of carbon and various hydrocarbons

Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Unusual Fire and Explosion Hazards: Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.

SECTION 6— ACCIDENTAL RELEASE & DISPOSAL MEASURES

Spills: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

SECTION 7 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide explosion-proof ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below.

Exposure Limits:	Product	100 ppm ACGIH	200 ppm OSHA
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Personal Protective Equipment (PPE):

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

Clothing: Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators: Where adequate ventilation is not available an approved respirator must be worn.

Respirator selection, use and maintenance should be in accordance with the requirements of OSHA

Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

SECTION 8— PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Relative Density: 0.847

Color/Odor: colorless / alcohol like

pH: 6.5 – 7.0

Melting Point/Freezing Point: -129 °F

Viscosity, kinematic: No available data

Boiling Point, Initial: 207 °F

Partition coefficient: n-octanol/water: No available data

Flash Point: 61 °F

Relative Vapor Density (Air=1): 1.7

Flammability (solid, gas): No available data

Vapor Pressure (mmHg): 19.2

Flammability Limits: Lower: 2 Upper: 12

Evaporation Rate: 2.2

Autoignition Temperature: 752 °F

Solubility in Water: Complete

Decomposition Temperature: No available data

This product was created using the FDA Temporary Guidance procedure for the manufacturing of hand sanitizer during the public health emergency. We have committed the use and resources of our bottling facility to the production of hand sanitizer with required active/inactive ingredients.

Items are labeled using appendix information from the U.S. Department of Health and Human Services Food and Drug Administration Center for Drug Evaluation and Research (CDER) March 2020 Pharmaceutical Quality/Manufacturing Standards (CGMP)/Over-the-Counter (OTC) procedure document published March 2020.

SECTION 9— STABILITY & REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.

Conditions to Avoid: Keep away from heat, flame and other potential ignition sources.

Incompatible Materials: Strong oxidizing agents, Strong reducing agents, Strong bases.

Possibility of Hazardous Reactions: Will not occur under normal use and temperature conditions.

SECTION 10— TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.

Eyes: Vapors are irritating to the eyes. Liquid contact will cause redness, stinging and tearing.

Inhalation: Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression. May cause drowsiness or dizziness.

Ingestion: If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

Acute oral toxicity:

Product LD50 rat: >2000 mg/kg

Acute inhalation toxicity:

Product LD50 rat: > 20 mg/l

Acute dermal toxicity:

Product LD50 rabbit: >2000 mg/kg

Germ Cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

STOT single exposure: See Section 2

STOT repeated exposure: Not classified

SECTION 11 – ECOLOGICAL INFORMATION

Aquatic Toxicity: Toxicity to fish LC50 LC50 (Pimephales promelas (fathead minnow) 96 hours

Bio-accumulative potential: Bioaccumulation of this product is not expected. This product is readily biodegradable.

Mobility: No available data.

SECTION 12 – DISPOSAL CONSIDERATIONS

Chemical waste generators must determine at the time of disposal, whether a discarded chemical is classified as a hazardous waste. Chemical additions, processing or otherwise altering this material may make waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 13 – TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: N-Propanol Solution

Hazard Class: 3

UN Number: 1274

Packaging Group: 2

Poison Inhalation Hazard: No

SECTION 14 – REGULATORY INFORMATION

Comprehensive Environmental Response and Liability Act (CERCLA) This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 1000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

Toxic Substance Control Act (TSCA): All components of this product are on the Chemical Substance Inventory and designated as active in U.S. commerce.

SARA Section 311/312 (40 CFR 370) Hazard Categories:
Fire Hazard, Acute Health Hazard

SARA Section 313 (40 CFR 372) Hazard Categories: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act: This product contains no chemicals that are listed as Hazardous Substances under the CWA.

Clean Air Act: This product contains no chemicals that are listed as Hazardous Substances under the CAA.

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

SECTION 15– OTHER INFORMATION

SDS Origination Date: March 2020

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 3

Flammability: 3

Reactivity: 0

The information above is believed to be accurate and represents the best information currently available to us. However, Seaside Grown makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Seaside Grown be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Seaside Grown has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate

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