

SAFETY DATA SHEET GROUP

SOL-TECH

SECTION 1: IDENTIFICATION

Product Name: Aloe Vera	Karen's Sunshine Hand Sanitizer with
Item number:	856729001077
Manufacturers Name:	Sol-Tech Group
Address: 45044	4273 Salzman Rd, Middletown, OH
Telephone:	855-777-3384
Emergency Telephone:	855-777-3384
Recommended Use:	Hand Sanitizer
Restrictions on Use:	<p>This is a personal care and cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement for an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information to the safe handling and proper use of the product for workplace conditions as well as unusual or unintended exposure such as large spills. SDS should be retained and available to employees and other users of the product. For specific intended use guidance please refer to information provided on the package and/or instruction sheet.</p>

SECTION 2: HAZARDS IDENTIFICATION

This product contains a chemical or chemicals considered hazardous by OSHA Communication Standard (29 CFR1910.122)

Appearance: Clear to slightly hazy liquid

Physical State: Liquid

Odor: Alcohol and Aloe Vera

Hazardous Chemical Identity: Isopropyl Alcohol

Flammable Liquids: Category 3

Eye Irritation: Category 2A

Hazard Pictograms:



Signal Word: Warning

Hazardous Statements: Flammable liquid and vapor.

Causes serious eye irritation.

Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Keep container tightly closed.

Take precautionary measures against static discharge.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do.
Continue rinsing. If eye irritation persists
get medical advice and attention.

Fire:

In case of fire use CO₂, dry chemical or
foam for extinguishing fire.

Inhalation:

IF INHALED: If breathing is difficult,
remove victim to fresh air and keep at
rest in a position comfortable for
breathing. If experiencing respiratory
symptoms: Call a POISON CONTROL
CENTER or doctor/physician. If not
breathing use ventilator or mouth-to-
mouth resuscitation.

Storage:

Store in well ventilated place. Keep cool.

Disposal:

Dispose of contents/container to an
approved waste disposal plant.

**Hazards Not Otherwise Classified
(HNOC):**

Not applicable.

Unknown Toxicity:

Trace amount of this mixture consists of
ingredient(s) of unknown toxicity.

Other Hazards

Vapors may form explosive mixture with air.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture:

Mixture

Hazardous Ingredients

Chemical Name Codes	CAS-No.	Concentration (%)	GHS Hazard
Isopropyl Alcohol	67-63-0	>= 55 - <= 70	H225, H305,

H336, H319

SECTION 4: FIRST AID MEASURES

INHALATION:

Remove victim to fresh air. For those providing assistance avoid exposure to yourself or others. Use adequate respiratory protection. Keep victim at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or doctor/physician. If not breathing use ventilator or mouth-to-mouth resuscitation.

EYE CONTACT:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice and attention.

INGESTION:

Seek medical attention and/ or contact local Poison Control Center. Do not induce vomiting.

NOTE TO PHYSICIAN:

If ingested material may aspirate into lungs causing chemical pneumonitis. Treat appropriately.

SECTION 5: FIRE FIGHTING METHODS

EXTINGUISHING MEDIA:

Appropriate: Use of CO₂, dry chemical or foam to extinguish flames.

Inappropriate: Straight streams of water.

FIRE FIGHTING:

Fire Fighting Instructions: Evacuate area. If leak or spill has not ignited, use water spray to disperse vapors and to protect personnel attempting to stop the leak. Prevent runoff from fire control from entering streams, sewers or drinking water supplies. Firefighters should wear standard personal protective safety

equipment, and in enclosed spaces Self Contained Breathing Apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: Flammable. Vapors are flammable and heavier than air. Vapors can travel along ground and may reach remote sources of ignition causing flashback fire danger.

Hazardous Combustion Products: Incomplete combustion products, oxides of carbon, smoke, fumes.

FLAMMABILITY PROPERTIES

Flash Point [method]: 12C degrees (54F degrees) [ASTM D-56]

SECTION 6: ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES:

In the event of a spill or accidental release, notify relevant authorities in accordance with all relevant regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reporting quantity which could reach any waterway including intermittent dry creeks. National Response Center can be reached at 800-424-8802.

PROTECTIVE MEASURES:

Avoid contact with spilled material. Warn or evacuate occupants in surrounding and downwind areas if required due to toxicity and/or fire hazards. Refer to Section 5 for firefighting. See Section 2 for hazardous identification. Section 4 for First Aid advice. Section 8 for minimum requirements for personnel protective equipment. Additional protective measures may be required based on circumstances and expert judgement of emergency responders.

SPILL MANAGEMENT:

Land spill: Eliminate all ignition sources (fire, flames, ignitions, sparks, no smoking). Stop leak if you can do it without risk. All equipment when handling must be grounded. Do not touch or walk through spill. Prevent entry of material into drains, sewers, basements or confined areas. Vapor suppressing foam can be used to reduce vapors. Use clean non-sparking tools / equipment to collect absorbed material. Absorb or cover with dry earth, sand or other acceptable noncombustible media and transfer to containers.

Water spill: Stop leak if you can do it without risk. Eliminate all ignition sources. Warn others. Consult specialist before using dispersants.

Local regulations may prescribe or limit actions to be taken. Consult local specialists.

ENVIRONMENTAL PRECAUTIONS:

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry of material into drains, sewers, basements or confined areas.

SECTION 7: HANDLING AND STORAGE

HANDLING:

Avoid contact with eyes. Avoid exposure to ignition sources. Potentially toxic or irritating fumes can arise from heated or agitated material, use only with adequate ventilation. Use proper grounding procedures. Prevent small spills as slip hazard.

Loading/Unloading Temperature: [Ambient]

Transport Temperature: [Ambient]

Transport Pressure: [Ambient]

Static Accumulator: Material is not a static accumulator

STORAGE:

Ample supply of fire water should be available. Fixed sprinkler system is recommended. Keep containers closed. Handle containers with care. Open slowly to manage potential pressure release. Store in cool well-ventilated area. Storage containers should be grounded.

Storage Temperature: [Ambient]

Storage Pressure: [Ambient]

Suitable Containers/Packaging: tanks, drums, totes, tank cars, tank trucks, barges

Suitable Container Materials & Coatings (chemical compatibilities):

stainless steel, polyester, polyethylene, Teflon, epoxy phenolic, copper bronze
zinc, polypropylene, vinyls

Unsuitable Container Materials & Coatings: butyl rubber, polystyrene, cast iron, EPDM, natural rubber, aluminum

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

Exposure Limits / Standards (note: Exposure Limits are not additive)

Substance Source	Form	Limit / Standard	Note
ISOPROPYL ALCOHOL OSHA Z1	liquid/vapor	TWA 980 mg/m ³ 400 ppm	NA
ISOPROPYL ALCOHOL ACGIH	liquid/vapor	STEL 400 ppm	NA

Note: Limits / Standards are presented for guidance only. Follow applicable regulations.

Biological Limits:

Substance Source	Specimen	Sampling	Limit	Determinant
ISOPROPYL ALCOHOL ACGIH	Urine	End week	40mg/L	Acetone

ENGINEERING CONTROLS:

Level of protection and type of controls necessary will vary depending on potential exposure conditions. Adequate ventilation should be provided so exposure limits are not exceeded. Use explosion proof ventilation equipment.

PERSONAL PROTECTION:

Personal protective equipment selections will vary depending on potential exposure conditions such as applications, handling, concentrations, and ventilation. Information provided based on intended normal usage.

Respiratory Protection: Approved respiratory equipment may be appropriate if ventilation equipment does not maintain airborne contaminant concentrations. Respirator to consider for this material include: **half-face filter respirator**. For high airborne concentrations, an approved supplied-air respirator operated in a positive pressure mode.

Hand Protection: If prolonged exposure is expected, chemically resistant gloves are recommended. Refer to glove manufacturer recommendations for chemical compatibility.

Eye Protection: Chemical goggles are recommended.

Skin and Body Protection: If prolonged exposure is likely, chemically resistant clothing are recommended. Refer to manufacturer recommendations for chemical compatibility.

Hygiene Measures: Wash after handling material and before eating, drinking, smoking or urinating. Routinely wash work clothing and personal protective equipment of contaminants. Discard clothing, gloves and shoes that cannot be cleaned.

ENVIRONMENTAL CONTROLS:

Comply with applicable environmental regulations limiting discharge into air, water and soil. Protect environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent the product specifications. Contact Supplier for additional information.

GENERAL INFORMATION:

Physical State:	Liquid
Form:	Clear to Hazy Liquid
Color:	Colorless to opaque white
Odor:	Alcohol and Aloe Vera

Odor Threshold: No data available

RELEVANT SAFETY, HEALTH AND ENVIRONMENTAL DATA:

Relative Density [15 C]: 0.85 - 0.95 g/cm³ [w/respect to water]
[ASTM D5042]

pH: 6.5 – 8.5

Solubility in Water: Soluble

Boiling Point: 70 – 75 C deg

Flash point: No data available

Evaporation Rate: No data available

Flammability [solid, gas]: Not applicable

Viscosity: No data available

Explosive Properties: Not explosive

Oxidizing Properties: Not classified as oxidizing

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not classified as reactivity hazard

Chemical Stability: Stable under normal conditions

Possibility Hazardous Reactions: Flammable liquid and vapor
Vapors may form explosive mixture with
air

Can react with strong oxidizing agents

Conditions to avoid: Flames, sparks and high heat

Incompatible materials: Oxidizing agents

Hazardous Decomposition Products: No hazardous decomposition products
are known

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation
Skin contact
Ingestion
Eye contact

Acute Toxicity: Not classified based on available information

Product:

Acute Oral Toxicity: Acute toxicity estimate > 5,000 mg/kg
Method: Literature Review

Acute Inhalation Toxicity: Acute toxicity estimate > 75 ml/L
Exposure time: 4 hours
Test atmosphere: vapor
Method: Literature Review

Skin Corrosion/Irritation: Not classified based on available information

Eye Damage/Eye Irritation: Causes serious eye irritation

Skin Sensitization: Not classified based on available information

Respiratory Sensitization: Not classified based on available information

Carcinogenicity: Not classified based on available information

Reproductive Toxicity: Not classified based on available information

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Toxicity to Fish:	LC50 (fathead minnow) > 10,000ml/L Exposure time: 96 hours Method: Literature Review
Toxicity to Bacteria:	EC50 (<i>Pseudomonas putida</i>) > 32 ml/L Exposure time: 0.25 hour Method: Literature Review

PERSISTENCE AND DEGRADABILITY

Biodegradability:	Readily biodegradable
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SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Waste from residues: regulations	Dispose of in accordance with local
Contaminated packaging:	Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name:	Consumer Commodity, Alcohol IPA
Class:	3
Packing group:	III
Labels:	Flammable Liquid
ERG Code:	127

SECTION 15: REGULATORY INFORMATION

EPCRA: Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity:

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with section 304 EHS RQ.

SARA 311/312 Hazards:

Fire Hazard
Health Hazard

SARA 302:

No chemicals in this material are subject to reporting requirements SARA Title III, section 302.

SARA 313:

The following components are subject to reporting levels established by SARA Title III, section 313

Propan-2-ol 67-63-0 >=
55 - <= 70 (%)

California Prop 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth or any other birth defects.

Ingredients of this product are reported in the following inventories:

AICS:

All ingredients listed or exempt

SECTION 16: OTHER INFORMATION

NFPA:

Health Hazard: 1 Flammability: 3 Instability: 0

HMIS:

Hazard: 0

Health Hazard: 0 Flammability: 3 Physical

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END of Safety Data Sheet

