

SAFETY DATA SHEET**SECTION 1 - MANUFACTURER AND PRODUCT IDENTIFICATION**

MEDREDI SOLUTIONS
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EMERGENCY NUMBER:
(24 HOURS)
INFORMATION NUMBER: 1-414-702-7752
(BUSINESS HOURS)

PRODUCT NAME: Safety Cleanze Instant Hand Sanitizer
PRODUCT CODE: SCHSBOV4OZ, SCHSBOV6OZ
INTENDED USE: Hand Sanitizer

HMIS: Health Hazard: 1
Fire Hazard: 3
Reactivity: 0
Personal Protective Equipment: B

PREPARED BY: J. Buteyn

DATE UPDATED: 10/5/2020

Personal Protective Equipment: B

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification according to Hazard Communication Standard 29 CFR 1910.1200

Classification:	Gases Under Pressure-Compressed Gas
Flammable Aerosol, Category 1	Eye Irritation, Category 2A

Signal Word:

DANGER



State: Liquid
Color: Green
Odor: Citrus

Hazard Statements

Contains gas under pressure, may explode if heated

Extremely flammable aerosol

Causes serious eye irritation

Precautionary Statements

Prevention:

If medical advice is needed, have product container or label at hand

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

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting/equipment

Take precautionary measures against static discharge

Use only non-sparking tools

Wash hands thoroughly after handling

Wear protective gloves and eye and face protection

Do not get in eyes

Response:

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easily to do. Continue rinsing

If eye irritation persists, get medical attention/advice

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

Storage:

Store in a well-ventilated place. Keep cool

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal:

Dispose of contents/container to an approved waste disposal plant

•SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS•

<u>Chemical name</u>	<u>CAS Number</u>	<u>Content (w/w)*</u>
Alcohol SDA-40B 200 proof	61116-08-3	64.0%
Water	7732-18-5	30.0 - 50.0%
PEG/PPG-18/18 Dimethicone	68937-55-3	1.0 - 10.0%
Vitamin E Acetate	7695-91-2	0.0 - 1.0%
Aloe Barbadensis Leaf Juice	8001-97-6	0.0 - 1.0%

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

Product is propelled by compressed air in a separate chamber. No air mixes with the product formula or is expelled during normal use of the product.

•SECTION 4 - FIRST AID PROCEDURES•

General advice:	First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.
If inhaled:	Keep patient calm, remove to fresh air, and seek medical attention if discomfort persists.
If on skin:	Wash affected areas with water while removing contaminated clothing. Seek medical attention if discomfort persists.
If in eyes:	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention if irritation persists.
If swallowed:	Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if discomfort persists.

•SECTION 5 – FIRE-FIGHTING MEASURES•

Flash Point:	22°C (72°F) [lit.]
Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, carbon dioxide, water spray, and alcohol resistant foam.
Unsuitable extinguishing media for safety reasons:	Use of water spray when fighting fire may be inefficient.
Hazards during fire-fighting:	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool container with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Specific hazards arising from the chemical:	Carbon oxides
Protective equipment and precautions for fire-fighting:	Wear a self-contained breathing apparatus (SCBA) and fight fire from maximum distance.
Impact Sensitivity	
Mechanical:	Product is not sensitive to explosion when subjected to mechanical impact.
Static:	Product is sensitive to static discharge.

•SECTION 6 - ACCIDENTAL RELEASE MEASURES•

Personal precautions:	Remove all sources of ignition. Take precautions against static discharges or flashbacks. Use personal protective clothing and equipment to minimize contact with skin, eyes, or clothing.
Environmental precautions:	Prevent further leakage if this can be accomplished safely. Contain contaminated water/firefighting water. Do not discharge into waterways, sewer systems, or drains without proper authorization. Notify proper authorities.
Cleanup:	For small amounts: Contain with inert absorbent material and dispose according to local regulations.

•SECTION 7 - HANDLING AND STORAGE•

General Handling advice:	Avoid contact with eyes and clothing. Do not eat, drink, or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. KEEP OUT OF REACH OF CHILDREN.
Protection against fire and explosion:	Keep away from heat, sparks, flame and other sources of ignition (static electricity, electric motors, etc.) Do not store near combustible materials.
General Storage advice:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in an area equipped with sprinklers. Do not store above 120°F. Do not puncture or incinerate cans, even if empty. Do not stick a pin, nail, or any sharp object into the spray nozzle. Store in accordance with local regulations.

•SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION•

The following applies to **Industrial Settings** only:

Advice on system design:	Ensure adequate ventilation. Eye wash stations and showers should be available nearby.
Personal protective equipment	Gloves and goggles
Respiratory protection:	Required only in confined spaces with inadequate ventilation.
Hand protection:	Protective gloves
Eye protection:	Glasses or goggles
General safety and hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Wash contaminated clothing before reuse. Hands and/or face should be washed before breaks and at the end of the shift.

Chemical name and CAS#	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohol SDA-40B (61116-08-3)	STEL = 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDHL: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³

•SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES•

Appearance:	Green Liquid
Odor:	Slight lemon
pH value:	6.0-7.5
Melting range:	No data available
Boiling point:	No data available
Flash Point:	22°C (72°F) [lit.]
Evaporation rate:	Not determined; expected to be rapid
Flammability:	Flammable

Upper/Lower Flammability Limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Specific Gravity:	0.83-0.93
Solubility:	Miscible in water
Partitioning coefficient n- octanol/water [log (P _{ow})]	No data available
Viscosity, dynamic:	<800cps
Decomposition temperature:	No data available
VOC:	64%

•SECTION 10 – STABILITY AND REACTIVITY•

Reactivity:	The product has no reactivity when stored and handled as prescribed or indicated.
Chemical Stability	The product is stable if stored and handled as prescribed or indicated.
Hazardous reactions:	Product will not polymerize. Product reacts with strong oxidants.
Conditions to avoid:	Avoid all sources of ignition: heat, sparks, and open flame. Avoid electro-static charge. Pressurized container may explode.
Decomposition products:	Carbon oxides

•SECTION 11 – TOXICOLOGICAL INFORMATION•

Acute toxicity	Ethyl alcohol, SDA-40B (CAS# 61116-08-3)	
Inhalation:	LC50 rat 124.7mg/L	The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Chronic toxicity:	None	
Carcinogenicity:	No carcinogenic substances as defined by IARC, NTP, and/or OSHA	
Reproductive Toxicity:	Not mutagenic	
Other toxicity:	Prime toxicity outcomes related to ethyl alcohol are due to ingestion, not contact.	



•SECTION 12 – ECOLOGICAL INFORMATION•

There is no ecological data on the product. The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios.	
Ecotoxicity	No ecological effects are to be expected
Degradability / Persistence	No information available
Bioaccumulation	Very low potential for bioaccumulation

•SECTION 13 – DISPOSAL CONSIDERATIONS•

Waste Disposal Methods	Pressurized gas bottle – dispose only in empty condition. This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become hazardous waste if it is mixed with or comes in contact with a hazardous waste.
Container disposal:	Dispose of in accordance with local regulations.
RCRA Disposal	D001

•SECTION 14 - TRANSPORT INFORMATION•

	Hazard class	Packing group	UN ID number	Hazard label	Proper shipping name
Land transport USDOT:	2.1 Ltd. Qty <1 Liter	NA	UN 1950	2.1 (Flammable gas)	Aerosols, Flammable, 2.1 Limited Quantity Exemption
Sea transport IMDG	2.1 Ltd. Qty <1 Liter	NA	UN 1950	2 (Flammable gas)	Aerosols, Flammable, 2.1 Limited Quantity Exemption
Air transport IATA/ICAO	2.1 Ltd. Qty <1 Liter	NA	UN 1950	2.1 (Flammable gas)	Aerosols, Flammable, 2.1 Limited Quantity: Passenger to 75 kg  

(Packing instruction Y203 applies) This product does not ordinarily ship via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

•SECTION 15 - REGULATORY INFORMATION•**Federal Regulations**

Registration status:

TSCA, US	All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.			
CERCLA	No Components			
SARA	302: No	304: No	311/312: Fire Hazard	313: No

State regulations

State RTK	CAS Number	Chemical name	Weight Percent
MA, NJ, PA	61116-08-3	Ethyl Alcohol	62%
California Prop 65	This product does not contain chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.		

•SECTION 16 - OTHER INFORMATION•

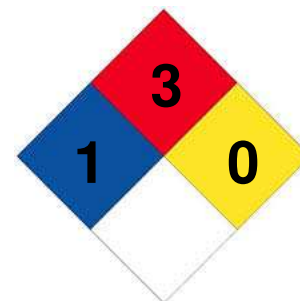
NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide emergency responders an on-the-spot alert to the hazards of a material and their severity. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

KEY/LEGEND: EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration.

LITERATURE REFERENCES: None

DISCLAIMER: This SDS provides a brief summary of the physical and chemical characteristics of this product to guide safe handling, use, processing, storage, transportation, disposal and release of the products and is not to be considered as a warranty or quality specification. It is not a comprehensive document on worldwide hazard communication regulations. It is compiled from sources considered valid and accurate. The information provided on this SDS is believed to be accurate to the best of our knowledge, information and belief at the date of its publication. MedRedi Solutions LLC will not be held liable or responsible for any claims, losses, or damages of any third party, or for lost profits or any special, indirect, incidental, consequential or exemplary damages arising from the use of this information.

1	HEALTH HAZARD
3	FIRE HAZARD
0	REACTIVITY
B	PPE



REVISION HISTORY	
Original Date	new
Latest Revision	10/5/2020