

# SAFETY DATA SHEET

## •SECTION 1 - MANUFACTURER AND PRODUCT IDENTIFICATION•

MEDREDI SOLUTIONS  
N58 W24668 Clover Drive  
Sussex, WI 53089

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

**PRODUCT NAME:** Bio Cleanze Alcohol Free Hand Sanitizer  
**PRODUCT CODE:** BCAFHSBOV4OZ, BCAFHSBOV6OZ  
**RECOMMENDED USE:** Hand Sanitizer  
**PREPARED BY:** K. Davis      **DATE UPDATED:** 10/5/2020

**HMIS:**      **Health Hazard:** 0  
                  **Fire Hazard:** 0  
                  **Reactivity:** 0  
Personal Protective Equipment:A

## •SECTION 2 - HAZARDS IDENTIFICATION•

GHS Classification according to Hazard Communication Standard 29 CFR 1910.1200

**Hazard Category:**      **Gases Under Pressure-Compressed Gas, Non-Flammable**

Signal Word(s):      **Warning**



State: Liquid  
Color: Colorless  
Odor: Lemon scent

Hazard Statements	Contains gas under pressure, may explode if heated
Precautionary Statements	Keep out of reach of children.
	Do not breathe mist, vapors or spray.
	Do not get in eyes.

## •SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS•

<u>Chemical name</u>	<u>CAS Number</u>	<u>Content (w/w)*</u>
<b>Active Ingredients:</b>		
Benzalkonium Chloride	8001-54-5	0.13%
<b>Inactive Ingredients:</b>		
Aloe Barbadensis Leaf Juice	8001-97-6	0.0-1.0%
PEG/PPG-18/18 Dimethicone	68937-55-3	0.0-1.0%
Glycerin	56-81-5	0.0-1.0%
Cetyl Betaine	693-33-4	0.0-1.0%
Water	7732-18-5	90.0-100.0%

\*For the Inactive Ingredients, the exact percentage of composition has been withheld as a trade secret.

**Product is propelled by compressed air in a separate chamber. No propellant is expelled in normal use.**

**•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:	Remove to fresh air.
If on skin:	If irritation develops, discontinue use. Seek medical attention if irritation 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. Not expected to induce symptoms.
Note to physician	Treat symptomatically.

**•SECTION 5 – FIRE-FIGHTING MEASURES•**

Suitable extinguishing media:	Not flammable. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable extinguishing media for safety reasons:	None known.
Hazards during fire-fighting:	As in any fire, wear self-contained breathing apparatus with pressure demand. Use approved MSHA/NIOSH approved protective gear.
Protective equipment for fire-fighting:	Wear a self-contained breathing apparatus.
Impact Sensitivity:	Product is not explosive when subjected to mechanical impact.

**•SECTION 6 - ACCIDENTAL RELEASE MEASURES•**

Personal precautions:	Information regarding personal protective measures appears in section 8.
Cleanup:	For small amounts: Clean up at time of spill and dispose to sewer. For large amounts: Clean up with absorbent materials. Dispose according to local and state regulations.

**•SECTION 7 - HANDLING AND STORAGE•**

General Handling advice:	Avoid breathing mists or vapors. Do not taste or swallow. Use with adequate ventilation.
General Storage advice:	Store in unopened original containers in a cool and dry place. Protect against sources of ignition, hot surfaces, or open flames.

**•SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION•**

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

Advice on system design:	Ensure adequate ventilation.
Personal protective equipment	Goggles
Respiratory protection:	None required
Hand protection:	Protective gloves not required
Eye protection:	Wear chemical safety glasses or goggles.
Body protection:	None required
General safety and hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Immediately remove all contaminated clothing. Wash contaminated clothing before reuse. Hands and/or face should be washed before breaks and at the end of the shift.

**•SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES•**

Appearance:	Liquid
Color:	Colorless
Odor:	Lemon scent
Odor Threshold:	No data available
pH value:	4.5-6.5
Melting range:	Not determined
Boiling point:	100°C (212°F)
Flash Point:	Not applicable
Evaporation rate:	Not determined
Flammability:	Not flammable
Upper/Lower Flammability Limits:	Not determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Specific Gravity:	1.003 @ 20°C
Solubility:	Miscible with water
Partitioning coefficient n- octanol/water [log (P <sub>ow</sub> )]	Not determined
Viscosity, dynamic:	Not determined
Decomposition temperature:	Not determined
VOC:	0 %

**•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.
Conditions to avoid:	Avoid heat. Pressurized container may explode.
Decomposition products:	No hazardous decomposition products if stored and handled as prescribed or indicated.
Oxidizing properties:	Not fire-propagating.

**•SECTION 11 – TOXICOLOGICAL INFORMATION•**

<b>Acute toxicity</b>	
Oral / Ingestion:	Not toxic to humans or animals
Inhalation:	Not an expected route of entry
Dermal:	Not toxic
<b>Chronic toxicity:</b>	None
<b>Irritation / corrosion</b>	
Skin:	None
Eye:	May cause eye irritation
Mutagenicity:	Not mutagenic
<b>Carcinogenicity:</b>	No carcinogenic substances as defined by IARC, NTP, and/or OSHA



**•SECTION 12 – ECOLOGICAL INFORMATION•**

No ecological effects are to be expected.  
 Very low potential for bioaccumulation.

**•SECTION 13 – DISPOSAL CONSIDERATIONS•**

Waste disposal of substance:	This product is not classified as hazardous waste (Federal regulations. 40CFR 261.4 (b)(4)). Can be disposed to landfill, when in compliance with local regulations.
Container disposal:	Empty containers may be disposed in municipal trash. Product must be disposed as above.
RCRA:	D003

**•SECTION 14 - TRANSPORT INFORMATION•**

	Hazard class	Packing group	UN ID number	Hazard label	Proper shipping name
Land transport USDOT:	2.2 <b>Ltd. Qty</b>	NA	UN 1950	2.2 (Non-flammable gas)	Aerosols, Non-flammable <b>Limited Quantity Exemption</b>
Sea transport IMDG	2.2 <b>Ltd. Qty</b>	NA	UN 1950	2.2 (Non-flammable gas)	Aerosols, Non-flammable <b>Limited Quantity Exemption</b>
Air transport IATA/ICAO	2.2 <b>Ltd. Qty</b>	NA	UN 1950	2.2 (Non-flammable gas)	Aerosols, Non-flammable <b>Limited Quantity: Passenger to 30 kg</b>   

**•SECTION 15 - REGULATORY INFORMATION•**

**Federal Regulations (USA)**

Registration status:

TSCA, US	All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.
----------	--

**State regulations**

Massachusetts, New Jersey, or Pennsylvania Right to Know Substance Lists			
	Weight Percent	Components	CAS No.
	<1%	Glycerin	56-81-5
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.		

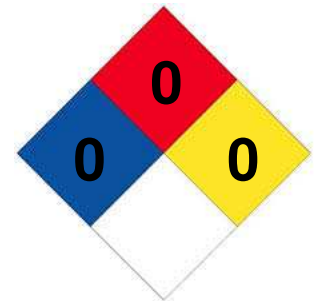
**•SECTION 16 - OTHER INFORMATION•**

**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.

<b>0</b>	<b>HEALTH HAZARD</b>
<b>0</b>	<b>FIRE HAZARD</b>
<b>0</b>	<b>REACTIVITY</b>
<b>A</b>	<b>PPE</b>



Revision History	
Previous Edition	new
Latest Revision	10/5/2020