

SAFETY DATA SHEET



BAC-D Alcohol Free Hand & Wound Sanitizers

Version Revision Date: 12-31-2017

SECTION 1: IDENTIFICATION

Product Name: BAC-D

Recommended Use: BAC-D is an alcohol-free hand and wound sanitizer formulated to kill bacteria and promote healing.

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS-No.	%
Benzalkonium Chloride	8001-54-5	.13%

Other components below reportable levels.

SECTION 4: FIRST AID MEASURES

General advice: No hazards which require special first aid measures.

If inhaled: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

In case of skin contact: If skin irritation or rash occurs, discontinue use.

In case of eye contact: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. If symptoms persist, call a physician or Poison Control Center immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Further information: Standard procedure for chemical fires.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	Not required under normal use. No conditions to be specially mentioned.
Environmental precautions:	No special environmental precautions required.
Methods and materials for containment and cleaning up:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Not applicable
Conditions for safe storage	Store at room temperature in original container. No special restrictions on storage with other products.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters:	Contains no substances with occupational exposure limit values.
Engineering measures:	None
Personal protective equipment:	
Respiratory protection:	No personal respiratory protective equipment normally required.
Hand protection:	Not required under normal use.
Eye protection:	Not required under normal use.
Skin and Body Protection:	Not applicable
Protective measures:	No special protective equipment required.

Hygiene measures: General industrial hygiene practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid

Odor: None

PH: < 2.0

Boiling point: 212° F (100° C)

Melting point/Freezing point: Not applicable/Not applicable

Flash point: Does not flash.

Upper explosion limit: Not applicable

Lower explosion limit: Not applicable

Vapor pressure: Similar to water

Solubility: 100% soluble

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions.

Chemical stability: No decomposition if stored and applied as directed.

Possibility of hazardous reactions: No hazards to be specifically mentioned.

Conditions to avoid: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation:	No adverse reactions due to inhalation are expected.
Skin contact:	No adverse reactions due to skin contact are expected.
Eye contact:	Direct contact with eyes may cause temporary irritation.
Ingestion:	Expected to be a low ingestion hazard.
Skin corrosion/irritation:	No adverse reactions due to skin contact are expected.
Serious eye damage:	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization:	Not a respiratory sensitizer.
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	Not classified based on available information.
Carcinogenicity:	
NTP (National Toxicology Program):	Not listed
IARC (International Agency for Research on Cancer):	Not listed
OSHA (Occupational Health And Safety Administration):	Not regulated
Reproductive toxicity:	Not classified based on available information.
STOT-single exposure:	Not classified based on available information.
STOT-repeated exposure:	Not classified based on available information.

Aspiration toxicity: Not classified based on available information.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: This product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse reactions: Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods:

Waste from residues: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Empty remaining contents.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

This product is regulated by the FDA as an Over the Counter Drug Product. It is labeled in accordance with FDA regulations. This product is not known to be a

“Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200

SECTION 16: OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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