

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Alco-Cept Foaming Alcohol Hand Sanitizer.
Product Class: No Rinse Hand Sanitizer
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Distributed by:
Multi-Clean®
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	Ethyl Alcohol CAS No. 64-17-5	62.0
B	Moisturizers and Emulsifiers CAS #: Mixture	0-3%
C	Water CAS #7732-18-5	35 - 40

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Clear Liquid, Alcohol Scent (No Fragrance Added)

Primary Hazards: Flammable Liquid

Potential Health Hazards

Route(s) of Entry: Skin and Eye Contact: X Ingestion: X Inhalation: X

Eye: May cause eye irritation on contact.

Skin: No irritation or reaction expected.

Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation with upper abdominal pain, vomiting, and diarrhea.

Inhalation: No hazardous vapors.

Signs and Symptoms of Exposure: May cause irritation to eyes on direct contact.

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Target Organ (s): No additional data

Medical Conditions Generally Aggravated by Exposure: Dermatitis

Health Hazards, Chronic: N. Av.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

If Swallowed: If the person can swallow, give 3-4 glasses of water. Do not induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. **Eye Contact:** Rinse eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.

Skin Contact: If irritation develops, discontinue Use. Rinse with cool water. If irritation continues, obtain medical attention.

Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: 72F / 22C

Autoignition

Temperature: N. Ap.

Flash Point (method used): Seta Flash

Flammable Limits: N. Ap.

LEL

UEL

Extinguishing Media: N. Ap.

Water?

Foam? X

Water Fog?

Alcohol Foam? X

CO₂? X

Dry Chemical? X

Vaporizing Liquid?

Other?

Special Fire Fighting Procedures: Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: Vapors may be heavier than air and may travel along the ground long distances to an ignition source and flash back. Closed containers may explode in a fire. If involved in a fire, it can release small quantities of toxic hydrogen fluoride and carbonyl fluoride fumes.

TDG Flammability Classification: Flammable

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: Yes

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Keep away from fire or flame.

Store at normal room temperature and away from reach of small children.

Other Precautions: Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required under normal conditions.

Ventilation: Local Exhaust: Not required

Special: Not required

Mechanical (General): Not required

Other: Not required

Protective Gloves: Not required

Eye Protection: None required under normal conditions

Footwear: Not required

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Determined

pH: 6.5 - 8.5

Specific Gravity (H₂O) = 1: 0.88

Volatile: >95

Vapor Density (Air = 1): N. Av.

Odor Threshold: N. Av.

Evaporation Rate (Butyl Acetate = 1): N. Av.

Oil/Water Distribution

Solubility in Water: Complete

Coefficient: N. Av.

Vapor Pressure (MM HG): N. Av.

Melting Point: N. Ap.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X

Conditions to Avoid: Avoid ignition sources

Incompatibility (materials to avoid): Oxidation agents

Hazardous Decomposition or By-products: Hydrogen fluoride and carbonyl fluoride, in case of fire or extreme heat.

Hazardous Polymerization: May occur: Will not occur: X

Conditions to Avoid: N. Ap.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	1,000 ppm	1,000 ppm	N. Av.	3,450 mg/kg. (oral, rat)	39 gm/m ³ /4H
B	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.
C	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No

Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.

Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.

RCRA Hazard Class: Not regulated under RCRA, 40 CFR 261

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Ethanol Solution

UN Number: UN 1170 **Class:** 3

Packing Group: II

SECTION XV - PREPARATION DATA

Prepared By: Mike Elms

Telephone Number: 651-481-1900

Date: 10-09

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All ingredients listed.

CERCLA Reportable Quality: None

SARA Title III

Section 302 Extremely Hazardous Chemicals: None

Section 311/312 Hazard Category: None

Section 313 Toxic Chemicals: None

State Regulations

International Regulations

WHMIS Controlled Product Hazard Class: N. Ap.

SECTION XVII - OTHER INFORMATION

None

N. Ap. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM

0 A. Health Hazard

3 A. Fire Hazard

0 A. Reactivity Hazard

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