

# 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

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**Extinguishing Media** N. Ap.

**Water?**

**Alcohol Foam?** X

**Foam?** X

**Water Fog?**

**Vaporizing Liquid?**

**Other?**

**Dry Chemical?** X

**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/m3/4H
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 sewer, 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:** 12-09

## 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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