

Safety Data Sheet

Issue Date: 27-Dec-2011 Revision Date: 25-Feb-2020 Version 1

1. IDENTIFICATION

Product identifier

Product Name Altra Foaming Hand Sanitizer Fragrance-Free

Other means of identification

SDS # BE-7119

UN/ID No UN1170

Recommended use of the chemical and restrictions on use

Recommended Use Hand Sanitizer.

Details of the supplier of the safety data sheet

Supplier Address

Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA

Emergency telephone number

Company Phone Number 1-314-291-1900

Emergency Telephone INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear liquid Physical state Liquid Odor Characteristic No fragrance added

Classification

Serious eye damage/eye irritation	Category 2
Flammable liquids	Category 3

Signal Word Warning

Hazard statements

Causes serious eye irritation Flammable liquid and vapor





Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

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

Keep container tightly closed

Ground/bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Use explosion-proof equipment

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

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

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Ethyl Alcohol	64-17-5	60-70

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call

a physician if irritation persists.

Skin Contact If skin irritation occurs, rinse affected area with water.

Inhalation Remove to fresh air.

Ingestion Drink 2-3 large glasses of water. Do NOT induce vomiting. Call a physician. Never give

anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms Contact may cause irritation and redness.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Flammable due to alcohol content.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal PrecautionsUse personal protective equipment as required. Spills may be slippery.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow

floor to dry before allowing traffic.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Keep out of the reach of children. Keep away from heat/sparks/open flames/hot surfaces.

 No smoking. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static

discharges. Wear protective gloves/eye protection/face protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from

heat, sparks, flame. Keep container closed when not in use. Store at room temperature.

Protect from freezing.

Incompatible Materials Chlorine bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol	STEL: 1000 ppm	TWA: 1000 ppm	IDLH: 3300 ppm
64-17-5		TWA: 1900 mg/m ³	TWA: 1000 ppm
		(vacated) TWA: 1000 ppm	TWA: 1900 mg/m ³
		(vacated) TWA: 1900 mg/m ³	-

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection When using product, do not rub eyes.

Skin and Body ProtectionNo protective equipment is needed under normal use conditions.

Respiratory ProtectionNo protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear liquid

Appearance Clear liquid Odor Characteristic No

fragrance added Not determined

Remarks • Method

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Color Not determined Odor Threshold Not

pH Not available

Melting point / freezing point Not determined
Boiling point / boiling range 78 °C / 172 °F

Flash point 23 °C / 74 °F CC (closed cup)
Evaporation Rate >1.0 (n-BuAc =1)

Values

Flammability (Solid, Gas) n/a-liquid

Flammability Limit in Air

Upper flammability or explosive Not available

limits

Property

Lower flammability or explosive Not available

limits

Vapor Pressure Not determined Vapor Density Not determined

Relative Density 0.88

Water Solubility Mostly Soluble Solubility in other solvents Not determined **Partition Coefficient** Not determined **Autoignition temperature** Not determined **Decomposition temperature** Not determined Kinematic viscosity Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Heat, flames and sparks.

Incompatible materials

Chlorine bleach.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known or supplied information

Eye Contact Causes serious eye irritation.

Skin Contact Not expected to be a skin irritant during prescribed use.

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation

hazard.

Ingestion Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 64-17-5	= 7060 mg/kg (Rat)	•	= 124.7 mg/L (Rat)4 h
Polydimethylsiloxane 63148-62-9	> 24 g/kg (Rat)> 17 g/kg (Rat)	> 2 g/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Ethanol has been shown to be carcinogenic in long-term studies only when consumed as

an alcoholic beverage.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol	A3	Group 1	Known	X
64-17-5		•		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans
NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document ...

 Oral LD50
 10,615.80 mg/kg

 Dermal LD50
 23,183.20 mg/kg

 ATEmix (inhalation-dust/mist)
 191.10 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Ethyl Alcohol		13400 - 15100: 96 h Pimephales	10800: 24 h Daphnia magna mg/L
64-17-5		promelas mg/L LC50 flow-through	EC50 2: 48 h Daphnia magna mg/L
		12.0 - 16.0: 96 h Oncorhynchus	EC50 Static 9268 - 14221: 48 h
		mykiss mL/L LC50 static 100: 96 h	Daphnia magna mg/L LC50
		Pimephales promelas mg/L LC50	
		static	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Ethyl Alcohol	-0.32
64-17-5	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Ethyl Alcohol	Toxic
64-17-5	Ignitable

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT

UN/ID No UN1170

Proper Shipping Name Ethanol solution

Hazard class 3
Packing Group III

IATA

UN number UN1170

Proper Shipping Name Ethanol solution

Transport hazard class(es) 3
Packing Group ||||

<u>IMDG</u>

UN number UN1170

Proper Shipping Name Ethanol solution

Transport hazard class(es) 3
Packing Group ||||

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory	DSL/NDSL	EINECS/ELI	ENCS	IECSC	KECL	PICCS	AICS
		Status		NCS					
Ethyl Alcohol	X	ACTIVE	X	Х	X	Χ	Χ	X	Χ
Polydimethylsiloxane	Х	ACTIVE	X			Х	X	Х	Χ

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Ethyl Alcohol - 64-17-5	Carcinogen
	Developmental

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethyl Alcohol	X	X	X
64-17-5			

16. OTHER INFORMATION

Revision Date: 25-Feb-2020

NFPA **Health Hazards Flammability** Instability **Special Hazards** Not determined

Health Hazards Flammability Physical hazards Personal Protection HMIS Not determined Not determined Not determined Not determined

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Disclaimer

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.

End of Safety Data Sheet