

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET**  
**AUTO CLEAN ELITE FOAM HAND SANITIZER / 2142**  
**SEPTEMBER 2012**  
**PAGE 1**

HEALTH	1
FIRE	3
REACTIVITY	0
P.P.E.	

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification**

**CHEMICAL FAMILY:** Foaming Alcohol Sanitizer

**SECTION 2 – Composition on Ingredients**

CAS #	NAME	% RANGE	OSHA PEL	ACGIH TLV
64-17-5	Ethyl Alcohol*	62	1000 ppm	1000 ppm

\* (SDA 3C) \* 95.2% Ethanol CAS#64-17-5, 4.8% 2-Propanol CAS#67-63-0

**Other ingredients(s) with notification requirements:**

CAS #	List
Ethyl Alcohol	64-17-5 MA 1; NJ 1S; PA1; CN 2
* See Section 15 for more information	n/e = none established n/a = not applicable

**SECTION 3 – Hazards Information**

**(Not meant to be all-inclusive, selected regulations represented)**

**EMERGENCY OVERVIEW:** When used according to instructions, the product applicable to this MSDS is safe and presents no immediate or long-term health hazard. However, abnormal entry routes, such as gross ingestion, may require immediate medical attention.

**PRIMARY ROUTE OF ENTRY:** Eye contact, skin contact, ingestion.

**SYMPTOMS OF EXPOSURE:**

**EYES:** Direct contact may cause irritation.

**SKIN:** No irritation or reaction expected.

**INHALATION:** Not applicable.

**INGESTION:** (Abnormal route of entry) Ingestion may cause gastrointestinal irritation with upper abdominal pain, vomiting, and diarrhea. However, there may be no symptoms at all.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known.

**CARCINOGENIC INFORMATION:** This material is not listed as a carcinogen by IARC, NTP, or OSHA.

**SECTION 4 – First Aid Measures**

**EYES:** Rinse eyes with water. Remove any contacts, and continue flushing eyes with plenty of water for several minutes. Seek medical attention if irritation develops or persists.

**SKIN:** Not applicable.

**INHALATION:** Not applicable.

**INGESTION:** Give 3-4 glasses of water, but **DO NOT** induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT:** 72°F/22°C (Seta Flash)

**GENERAL HAZARD:** 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.

**EXTINGUISHING MEDIA:** Use alcohol or multi-purpose foam, dry chemical, or CO<sub>2</sub>. **Water may not be effective.** Do not use a direct stream; use only as a fog to absorb heat or to protect structures.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Move containers from area if it can be done without risk.

Cool fire-exposed containers with water from side.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

**SECTION 6 – Accidental Release Measures**

**Avoid all sources of ignition.** Spill area will be slippery.

Absorb spills onto inert material and dispose in appropriate manner. Water clean up and rinse.

**SECTION 7 – Handling and Storage**

Keep away from fire or flame.

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

Keep containers sealed. Use older containers first.

**SECTION 8 – Exposure Controls/Personal Protection**

**EYE PROTECTION:** None required under normal conditions.

**SKIN PROTECTION:** None required under normal conditions.

**RESPIRATORY PROTECTION:** None required under normal conditions.

**SECTION 9 – Physical and Chemical Properties**

**STATE:** Clear solution

**COLOR:** Pale yellow

**ODOR:** Rubbing alcohol

**SOLUBILITY IN WATER:** Soluble

**SPECIFIC GRAVITY @20°C:** 0.88 ± 0.02

**MELTING POINT (°C):** N/D

**pH:** 6.5-8.5

**WEIGHT PER GALLON:** 7.3 lb/gal

**BOILING POINT (°C):** N/D

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable

**INCOMPATIBILITY:** Oxidation agents.

**CONDITIONS TO AVOID:** Avoid ignition sources.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen fluoride and carbonyl fluoride, in case of fire or extreme heat.

**SECTION 11 – Toxicological Information**

No acute or chronic toxic effects expected when used according to directions.

**SECTION 12 – Ecological Information**

No ecological or special considerations when used according to directions. Not considered environmentally harmful from normal dilution, expected usage and typical drainage to sewers, septic systems and treatment plants.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PRO CHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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**SECTION 13 – Disposal Consideration**

RCRA Waste Code: Not regulated under RCRA, 40 CFR 261  
 Products: Keep away from natural water sources. Observe all applicable federal, state, and local regulations.  
 Empty packaging: Remove all residue when emptying.

**SECTION 14 – Transport Information**

Hazardous by transport regulations. When transported by Ground and Rail, this product typically is shipped as Consumer Commodity ORM-D. When transported by air, this product is typically shipped as Consumer Commodity or Alcohols N.O.S. depending on package size. When transported by ocean, this product is typically shipped as Limited Quantities. Refer to current regulations for exact requirements.

**SECTION 15 – Regulatory Information**

**(not meant to be all-inclusive, selected regulations represented)**

**OSHA HAZARD COMMUNICATION STANDARD (26 CFR 1910.1200)**

Hazardous       Non-Hazardous

**CERCLA/SUPERFUND (40 CFR 117, 302)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**SARA HAZARD CATEGORIES (40 CFR 370)**

Acute       Chronic       Fire       Pressure       Reactive

**SARA TOXIC SUBSTANCES (40 CFR 372)**

Diethanolamine      CAS#111-42-2      <0.1%

**US TOXIC SUBSTANCES CONTROL ACT/INVENTORY STATUS**

Complies with the requirements of the following chemical inventories: US (TSCA), Canada (DSL), European Community (EINECS), Australia (AICS), ASIA-PAC.

**STATE REGULATIONS**

California Proposition 65: Does not contain reportable substances.  
 New Jersey: Diethanolamine      CAS#111-42-2      <0.1%  
 Pennsylvania: Ethanol, 2,2'-iminobis-      CAS#111-42-2      <0.1%

**FDA**

Complies with current FDA regulations for cosmetic and/or over-the-counter drug products.

**SECTION 16 – Other Information**

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

**ABBREVIATIONS**

C: Ceiling limit      N/A: Not Applicable      N/D: Not determined  
 N/E: Not established      N/K: Not known      RQ: Reportable quantity  
 TPQ: Threshold Planning Quantity

**Disclaimer:** The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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