

Medical Chemical Corp.

19430 Van Ness Ave.

Torrance, CA 90501

Customer Service: Phone (310)787-6800

FAX (310)787-4464

CHEMTREC Emergency Response Telephone Number: (800)424-9300

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

Section I - Product Identification

An aqueous solution of water, carbomer, aloe vera, diisopropyl amine, vitamin E and lavender oil in ethanol.

Section II - Hazards Identification

Danger: Highly flammable liquid and vapor. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Use only non-sparking tools. Take precautions against static discharge. Wear protective clothes and eye protection. In case of fire, use fire extinguishers approved for alcohol fires.

Safety Ratings

Health: Slightly hazardous *Flammability:* Extremely flammable liquid and vapor *Reactivity:* None *Contact:* Slight
Storage: Keep cool, away from sources of ignition in a well ventilated area.

NFPA Ratings

Health = 1 Flammability = 4 Reactivity = 0



Potential Health Effects

The toxicology of this compound have not been completely examined. It is presumed that the toxicity of this item is similar to other aliphatic alcohols.

Inhalation: Problems from normal inhalation of this product are unlikely to arise. Alcohols are absorbed through the mucous membranes and will produce irritation as well as the same effects as ingestion.

Ingestion: Ingestion will produce CNS disturbance, dizziness, photophobia, headache, stupor, coma and death.

Skin contact: Alcohols are absorbed through the skin. Repeated contact can cause defatting of the skin with resultant irritation and flaking. Vitamin E may cause allergic reactions in sensitive individuals..

Eye contact: May be irritating.

Chronic Exposure: Unknown.

Aggravation of preexisting conditions: Impaired kidney and liver function may be aggravated by exposure to alcohols. Preexisting eye, skin, and respiratory conditions may also be aggravated.

Section III - Composition/Information on Components

Ingredients	CAS#	OSHA PeI	ACGIH TLV	Other Limits	%
Ethanol	64-17-5	1000 ppm (TWA)	1000 ppm (TWA)		62% w/w
Carbomer	-----	-----	-----		< 1% w/w
Aloe vera	100084-89-7	-----	-----		< 1% w/w
Diisopropylamine	108-18-9	5 ppm (TWA) skin	5 ppm (TWA) skin		< 1% w/w
Vitamin E acetate	7695-91-2	-----	-----		< 1% w/w
Lavender oil	8000-28-0	-----	-----		< 1% w/w

Section IV - First Aid Measures

Inhalation: Remove from source of exposure and get medical attention for any breathing difficulty.

Ingestion: Do not induce vomiting if patient is unconscious or extremely drowsy. Otherwise, administer 2 glasses of water and induce vomiting. Get immediate medical attention even if symptoms improve.

Skin Contact: Not likely to be a problem. If irritation develops cease using the product and get medical attention.

Eye Contact: In case of eye contact, flush with water and get medical attention if irritation develops.

Section V - Fire Fighting Measures

Flash point: 21°C (70°F) TCC

Flammable Limits: LEL 3% UEL 19%

Explosion: Not Normally an explosion hazards.

Fire Extinguishing Media: Alcohol type foam, carbon dioxide or dry chemical. Water is ineffective against alcohol fires but may be used to cool adjacent containers.

Special information: Pyrolysis will release toxic oxides such as carbon monoxide.

Section VI - Accidental Release Measures

Remove all sources of ignition, absorb with a suitable absorbent (such as paper towels) and dispose.

Section VII - Handling and Storage

Store in a cool, well ventilated place. Store in a closed container, away from open flames or other sources of ignition.

Section VIII - Exposure Control/Personal Protection

Airborne Exposure Limits: See section III.

Ventilation System: Usually not required. When required, Refer to the ACGIH document, "Industrial Ventilation, a Manual of Recommended Practices" for details about ventilation.

Personal Respirator: Usually not required. In case of emergency, or when exposure levels are unknown, use a positive pressure, full face piece, air supplied respirator.

Skin protection: Usually not Required.

Eye Protection: Usually not Required.

Section IX - Physical and Chemical Properties

Boiling Point: 172°C

Density: 0.885 g/ml

Vapor pressure (mm Hg): 52 @ 20°C

Evaporation Rate (Ethanol = 1): 1

Vapor Density (air = 1): 2

Solubility: Infinitely miscible with water

Appearance and Odor: A clear colorless liquid with the characteristic odor of alcohol.

Section X - Stability and Reactivity

Stability: Freezes only at extreme low temperature.

Hazardous Decomposition Products: Nothing unusual.

Hazardous polymerization: Will not occur.

Incompatibilities: Oxidizers.

Conditions to avoid: heat, flame and sources of ignition.

Section XI Toxicological Information

Chronic consumption of ethanol is believed to be linked to liver disease, cancer and birth defects.

Cancer lists

<u>Ingredient</u>	<u>Known Carcinogenicity?</u>	<u>NTP?</u>	<u>Anticipated?</u>	<u>IARC Category</u>
Ethanol	no	no	no	none

Section XII - Ecological Information

Environmental Fate: Biodegradable

Environmental Toxicity: None expected

Ethanol evaporates quickly and is not expected to bioaccumulate. The material is removed from the air by dry and liquid adsorption. The half-life for ethanol in the atmosphere is one to ten days.

Section XIII - Disposal Considerations

Local governments can restrict the amounts of alcohol that may be flushed down the drain. Dispose of contents and container in accord with all applicable regulations.

Section XIV - Transportation Information

DOT/IATA Shipping name: Ethanol Solution

Hazard Class: 3

Packaging Group II

Hazard Label: Flammable liquid

UN Identification Number: UN1170

Bottles smaller than 32 Fl. Oz. are eligible to be shipped under ORM-D or limited quantity exemptions [49 CFR section 173.150(b)(2), 173.150(C) and IATA Y341].

Section XV - Regulatory Information**Chemical Inventory Status**

<u>Ingredient</u>	<u>TSCA</u>	<u>EC</u>
Ethanol	Yes	Yes

Federal, State and International Regulations

<u>Ingredient</u>	<u>SARA 302</u>		<u>SARA 313</u>		<u>RCRA</u>	<u>TSCA</u>	<u>Ca. Prop. 65</u>
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Category</u>	<u>261.33</u>	<u>8(D)</u>	
Ethanol	No	No	No	No	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: Yes

SARA 311/312: Acute: Yes, Chronic: Yes

Section XVI - Other Information

This information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

Revision Date: Apr. 29, 2015