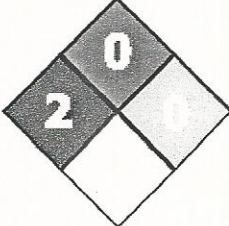


Material Safety Data Sheet

NFPA	Transport Symbol
	Not regulated

Preparation Date 15-Aug-2006

Revision Date 04-Sep-2008

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code ANTICLOG
Product Name ANTI-CLOG #1
Synonyms Anti-Clog #1
Formula Not available
CAS Number Mixture
EPA Registration Number 33427-4
EPA Establishment Number 33427-NY-1
Contact **MKG Sales Associates, Inc.**
130 Miller Road
Medford, NJ 08055
PH. 609-953-4700
Fax 609-953-4701
www.mkgsales.com
ChemTrec Emergency Telephone Numbers 1-800-424-9300
1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

May be harmful by inhalation, ingestion, skin absorption. Severe eye irritation. Severe skin irritation. Toxic to aquatic organisms. Avoid release to the environment.

Appearance Light brown contents packaged in a plastic container.

Physical State Solid.

Odor Soapy

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Mexico - Grade Not available

Potential Health Effects

Principle Routes of Exposure Eye contact, Skin contact.

Acute Effects

- Eyes** Severe eye irritation. Avoid contact with eyes.
- Skin** May be harmful by skin contact. Severe skin irritation. Avoid contact with skin.
- Inhalation** May be harmful by inhalation. May cause irritation of the mucous membranes. May cause irritation of respiratory tract.
- Ingestion** May be harmful if swallowed. Nausea. Diarrhea.

Chronic Effects Avoid repeated exposure.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Not available

Interactions with Other Chemicals Not available

Potential Environmental Effects Toxic to aquatic organisms. Avoid release to the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number Mixture

Hazardous Components

Chemical Name	CAS-No	Weight %
Ethanol	64-17-5	5 - 10
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	68391-01-5	10 - 30
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	10 - 30

Non-hazardous Components

Chemical Name	CAS-No	Weight %
Other Ingredients	N/A	30 - 60

4. FIRST AID MEASURES

- General Advice** Show this safety data sheet to the doctor in attendance.
- Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or Poison Control Centre immediately.
- Skin Contact** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Call a physician or Poison Control Centre immediately.
- Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician or Poison Control Centre immediately.

Ingestion	Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.
Notes to Physician	Treat symptomatically
Protection of First-aiders	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not available
Suitable Extinguishing Media	Water spray. Carbon dioxide (CO2). Dry powder. Foam.
Unsuitable Extinguishing Media	Not available
Hazardous Combustion Products	Thermal decomposition or combustion may produce hazardous gases and/or materials.

Explosion Data

Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition

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

<u>NFPA</u>	Health 2	Flammability 0	Instability 0
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental Precautions	Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.
Methods for Containment	Not available
Methods for Cleaning up	Evacuate personnel to safe areas. Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.
Other Information	Not applicable

ANTICLOG - ANTI-CLOG #1

Water Solubility	73 - 85%
Reactivity in Water	Not available
Molecular Weight	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Heat, flames and sparks
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Hydrogen chloride gas.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

To the best of our knowledge, the complete toxicological properties have not been thoroughly investigated.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethanol	= 7060 mg/kg Oral LD50 Rat		

Chronic Toxicity**Carcinogenicity**

There are no known carcinogenic chemicals in this product

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
Ethanol	A4 - Not Classifiable as a Human Carcinogen	Monograph 96 [2007] (in alcoholic beverages)	Known Human Carcinogen	Present	A4 - Not classifiable as a human carcinogen

Irritation	Not available
Corrosivity	Not available
Sensitization	Not available
Neurological Effects	Not available
Mutagenic Effects	Not available
Reproductive Effects	Not available
Developmental Effects	California Proposition 65 - Developmental Toxicity. [Ethyl alcohol in alcoholic beverages]

Teratogenic Effects May cause harm to the unborn child. [Ethanol, Cas# 64-17-5 by the state of Massachusetts].

Target Organ Effects Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms. Avoid release to the environment.

Ethanol

Microtox Data

= 34634 mg/L EC50 *Photobacterium phosphoreum* 30 min

= 35470 mg/L EC50 *Photobacterium phosphoreum* 5 min

Water Flea Data

= 10800 mg/L EC50 *Daphnia magna* 24 h

= 9268 mg/L EC50 *Daphnia magna* 48 h

Persistence / Degradability Not available

Bioaccumulation / Accumulation Not available

Mobility in Soil Not available

Ethanol

log Pow = -0.32

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Contact waste disposal services. Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number Not available

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

ANTICLOG - ANTI-CLOG #1

IATA	Not regulated
IMDG/IMO	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION**International Inventories**

U.S.A. (TSCA)	Does not Comply
Canada (DSL)	Does not Comply
EU (ELINCS)	Does not Comply
EU (EINECS)	Does not Comply
Japan (ENCS)	Does not Comply
China	Does not Comply
Korea (KECL)	Does not Comply
Philippines (PICCS)	Does not Comply
Australia (AICS)	Does not Comply

Chemical Name	U.S.A. (TSCA)	Canada (DSL)	EU (EINECS)	EU (ELINCS)
Ethanol	Present	Present	200-578-6	-
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	Present	Present	269-919-4	-
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride	Present	Present	273-318-2	-
Other Ingredients	-	-	-	-

Chemical Name	Japan (ENCS)	China	Korea (KECL)	Philippines (PICCS)	Australia (AICS)
Ethanol	2-202 2-0202	Present	KE-13217	Present	Present
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	-	Present	KE-00775	GEN-1082	Present
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride	-	Present	2001-3-1988	Present	Present
Other Ingredients	-	-	-	-	-

This material as whole is exempt from the TSCA inventory // Subject to EPA FIFRA regulations

USA**Federal Regulations****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.

ANTICLOG - ANTI-CLOG #1

SARA 311/312 Hazardous Categorization

Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

Chemical Name CAS-No VOCs
Ethanol 64-17-5 Present

State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	Category	Type
Ethanol	64-17-5	developmental toxicity, initial date 10/1/87 (when in alcoholic beverages)	carcinogen, initial date 7/1/88 (when associated with alcohol abuse)

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethanol	Teratogen	sn 0844	Present		Toxic; Flammable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

Prepared By Environmental Health and Safety, Regulatory Affairs
Preparation Date 15-Aug-2006
Revision Date 04-Sep-2008
Revision Summary Not available

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of MSDS