



Material Safety Data Sheet

NFPA	Transport Symbol
	Not regulated

Preparation Date 15-Aug-2006

Revision Date 15-Aug-2006

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ANTI-CLOG #1
Product Code ANTICLOG
Synonyms None
Formula Not available
CAS Number Mixture
EPA Registration Number 33427-4
EPA Establishment Number 33427-NY-1
Contact Manufacturer
CDC PRODUCTS CORPORATION
One Hollow Lane
Lake Success, NY 11042-1215
Phone: (516) 627-6000
Fax: (516) 627-6093
Email: regulatory@aceto.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 adsorption. 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 Not available

Acute Effects

Eyes Severe eye irritation. Avoid contact with eyes.

Skin Severe skin irritation. Avoid contact with skin.

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 There is no known ecological information for this product

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 Ethanol	68956-79-6	10 - 30

Non-hazardous Componentes

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. Call a physician or Poison Control Centre immediately.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. 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 (CO ₂). Dry powder. Foam.
Unsuitable Extinguishing Media	Not available
Hazardous Combustion Products	Not available
<u>Explosion Data</u>	
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

NFPA **Health -** **Flammability -** **Instability -**

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	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. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment. Prevent product from entering drains.
Methods for Containment	Not available
Methods for Cleaning up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.
Other Information	Not applicable

7. HANDLING AND STORAGE

Handling	Use only in an area equipped with a safety shower. Ensure adequate ventilation. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperatures between 10 and 48.88°C. Keep in properly labelled containers. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Ethanol	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles.

Skin Protection Protective gloves.

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment.

Chemical Name	NIOSH IDLH
Ethanol	3300 ppm

IDLH: Immediately Dangerous to Life or Health

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown contents packaged in a plastic container	
Physical State	Solid	
Odor	Soapy	
pH	Not available	
Flash Point	Not available	
Autoignition Temperature	Not available	
Boiling Point/Range	Not available	
Melting Point/Range	170 - 180°F	
Flammability Limits in Air	Lower Not available	Upper Not available
Vapor Pressure	Not available	
Vapor Density	Not available	
Specific Gravity	0.965 - 0.985	
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	=1501 mg/kg Rat		=124.7 mg/L Rat 4 h

Chronic Toxicity

Carcinogenicity	There are no known carcinogenic chemicals in this product
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

Photobacterium phosphoreum EC50=34634 mg/L (30 min)

Photobacterium phosphoreum EC50=35470 mg/L (5 min)

Water Flea Data

Daphnia magna EC50=10800 mg/L (24 h)

Daphnia magna EC50=9268 mg/L (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

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	X	X	X	-
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	X	X	X	-
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride Ethanol	X	X	X	-
Other Ingredients	-	-	-	-

Chemical Name	Japan (ENCS)	China	Korea (KECL)	Philippines (PICCS)	Australia (AICS)
Ethanol	X	X	X	X	X
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	-	X	X	X	X
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride Ethanol	-	X	X	X	X
Other Ingredients	-	-	-	-	-

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.

SARA 311/312 Hazardous Categorization

- Acute Health Hazard -
- Chronic Health Hazard -
- Fire Hazard -
- Sudden Release of Pressure Hazard -
- Reactive Hazard -

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	Listed

State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	Category	Type
Ethanol	64-17-5	Developmental	

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethanol	X	X	X		X

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 15-Aug-2006
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