



# Material Safety Data Sheet

<b>NFPA</b>	<b>Transport Symbol</b>
	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.

<b>Inhalation</b>	May cause irritation of the mucous membranes. May cause irritation of respiratory tract.
<b>Ingestion</b>	May be harmful if swallowed. Nausea. Diarrhea.
<b>Chronic Effects</b>	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

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or Poison Control Centre immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Call a physician or Poison Control Centre immediately.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Call a physician or Poison Control Centre immediately.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

## 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not available
<b>Suitable Extinguishing Media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Dry powder. Foam.
<b>Unsuitable Extinguishing Media</b>	Not available
<b>Hazardous Combustion Products</b>	Not available
<b><u>Explosion Data</u></b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	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

<b>Personal Precautions</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Environmental Precautions</b>	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.
<b>Methods for Containment</b>	Not available
<b>Methods for Cleaning up</b>	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.
<b>Other Information</b>	Not applicable

## 7. HANDLING AND STORAGE

<b>Handling</b>	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.
<b>Storage</b>	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 <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

**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**

<b>Appearance</b>	Light brown contents packaged in a plastic container	
<b>Physical State</b>	Solid	
<b>Odor</b>	Soapy	
<b>pH</b>	Not available	
<b>Flash Point</b>	Not available	
<b>Autoignition Temperature</b>	Not available	
<b>Boiling Point/Range</b>	Not available	
<b>Melting Point/Range</b>	170 - 180°F	
<b>Flammability Limits in Air</b>	<b>Lower</b> Not available	<b>Upper</b> Not available
<b>Vapor Pressure</b>	Not available	
<b>Vapor Density</b>	Not available	
<b>Specific Gravity</b>	0.965 - 0.985	
<b>Water Solubility</b>	73 - 85%	
<b>Reactivity in Water</b>	Not available	
<b>Molecular Weight</b>	Not available	

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Heat, flames and sparks
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> ), Nitrogen oxides (NO <sub>x</sub> ), Hydrogen chloride gas.
<b>Possibility of Hazardous Reactions</b>	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

<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product
<b>Irritation</b>	Not available
<b>Corrosivity</b>	Not available
<b>Sensitization</b>	Not available
<b>Neurological Effects</b>	Not available
<b>Mutagenic Effects</b>	Not available
<b>Reproductive Effects</b>	Not available
<b>Developmental Effects</b>	California Proposition 65 - Developmental Toxicity. [Ethyl alcohol in alcoholic beverages]
<b>Teratogenic Effects</b>	May cause harm to the unborn child. [Ethanol, Cas# 64-17-5 by the state of Massachusetts].
<b>Target Organ Effects</b>	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**