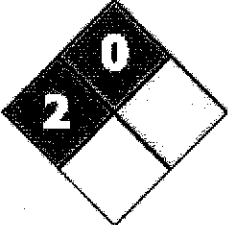


# Material Safety Data Sheet

<b>NFPA</b>	<b>Transport Symbol</b>
	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**  
CDC PRODUCTS CORPORATION  
One Hollow Lane  
Lake Success, NY 11042-1215  
Phone: (516) 437-3570  
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 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.

## ANTICLOG - ANTI-CLOG #1

### Acute Effects

<b>Eyes</b>	Severe eye irritation. Avoid contact with eyes.
<b>Skin</b>	May be harmful by skin contact. Severe skin irritation. Avoid contact with skin.
<b>Inhalation</b>	May be harmful by inhalation. May cause irritation of the mucous membranes. May cause irritation of respiratory tract.
<b>Ingestion</b>	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

<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. Wash contaminated clothing before reuse. Call a physician or Poison Control Centre immediately.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician or Poison Control Centre immediately.



**7. HANDLING AND STORAGE**

**Handling** Ensure that eyewash stations and safety showers are close to the workstation location. 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. Avoid repeated exposure.

**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	= 1000 ppm TWA	= 1000 ppm TWA = 1900 mg/m <sup>3</sup> TWA	= 1000 ppm TWAEV = 1900 mg/m <sup>3</sup> TWAEV	= 1900 mg/m <sup>3</sup> TWA = 1000 ppm TWA

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Eye/face Protection** Tightly fitting safety goggles.

**Skin Protection** Wear protective gloves/clothing.

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

Chemical Name	NIOSH IDLH
Ethanol	= 3300 ppm IDLH 10% LEL

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

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<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), 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]

ANTICLOG - ANTI-CLOG #1

**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**

<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

**15. REGULATORY INFORMATION**

International Inventories

<b>U.S.A. (TSCA)</b>	Does not Comply
<b>Canada (DSL)</b>	Does not Comply
<b>EU (ELINCS)</b>	Does not Comply
<b>EU (EINECS)</b>	Does not Comply
<b>Japan (ENCS)</b>	Does not Comply
<b>China</b>	Does not Comply
<b>Korea (KECL)</b>	Does not Comply
<b>Philippines (PICCS)</b>	Does not Comply
<b>Australia (AICS)</b>	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** Ethanol      **CAS-No** 64-17-5      **VOCs** 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



## Material Safety Data Sheet

Complies with OSHA's Hazard Communication 29CFR 1910.1200

AQUASOLVE CHEMICAL CO.

P.O. box 1952

Houston, Texas 77251

Emergency Telephone No.: 1-713-995-5181

Transportation Emergency No.: 1-800-255-3924

### SECTION I

#### PRODUCT IDENTIFICATION

Product Name: **SLIME-OUT**

Hazard Rating: (NFPA)

Health 1

Fire 0

Reactivity 0

Special None

### SECTION II

#### HAZARDOUS COMPONENTS

EXPOSURE LIMITS, mg/m<sup>3</sup>

OSHA ACGIH OTHER

Ingredient CAS No. % PEL TLV Limit

n-Alkyl(C<sub>12-18</sub>)-N,N- 68391-01-5 <20 NL NL None

di-methyl-N-benzyl

ammonium chloride

alkyl dimethyl ethyl 68956-79-6 <20 NL NL None

benzyl ammonium

chloride (C<sub>12-14</sub>)

Sodium tetraborate- 01330-43-4 <20 10 1 None

5H<sub>2</sub>O

### SECTION III

#### PHYSICAL DATA

Appearance White tablet

Evaporation Rate N/A

Vapor Density N/A

(Air=1)

Solubility in Water Complete

## **SECTION IV**

### **FIRE AND EXPLOSION HAZARD DATA**

Flash Point: >200°F Method Used: TCC

Extinguishing Media: Dry chemical, CO<sub>2</sub>

Special Fire Fighting procedures: SCBA

Unusual Fire and Explosion hazards: None.

Empty Containers: Rinse and dispose of properly.

## **SECTION V**

### **HEALTH HAZARD DATA**

Threshold limit value: Not established for mixture.

Effects of overexposure:

### **SECTION V - HEALTH HAZARD DATA (CONT'D)**

Eyes: Irritant

Skin: Irritant

Inhalation: Irritant

Ingestion: Nausea, vomiting, diarrhea, call a physician immediately.

Emergency and first aid procedures:

Eyes: Flush with running water for 15 minutes. If irritation persists consult physician.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: INDUCE VOMITING,

Get medical attention immediately.

Symptoms and signs of exposure:

Eyes: Redness

Skin: None

Carcinogenicity: None known

## **SECTION VI**

### **REACTIVITY DATA**

Stability: Stable

Hazardous polymerization: Will not occur.

Incompatibility: None

Hazardous decomposition products: None

## **SECTION VII**

### **SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is released or spilled:

Shovel into waste container; flush area with water.

Waste disposal method: Dispose of residue in accordance with federal, state, and local regulation. Open dumping is prohibited. dispose of in an approved landfill.

Precautions to be taken in handling and storing: Keep container closed when not in use. Keep out of reach of children.

## **SECTION VIII**

### **SPECIAL PROTECTION INFORMATION**

Respiratory protection: Not required under normal use.

Ventilation: Local - Adequate Mechanical – Adequate

Protective gloves: Rubber gloves

Eye protection: Goggles

Other protective equipment: None

Hygienic practices: Wash hands after using.

## **SECTION IX**

### **SPECIAL PRECAUTIONS**

Wash thoroughly after handling.

Avoid contact with foodstuffs.

For industrial use only.

### **KEEP OUT OF REACH OF CHILDREN**

**Revised 04-05-04**

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All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, ACC makes no representations as to its accuracy or sufficiency. Conditions of use and beyond ACC's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

## Safety data sheet – Healthy Air

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

product: HEALTHY AIR  
application: To be sprayed on clean filter of  
A.C unit  
company: Sunrise  
industrial Area  
mailing address: 9 Gilboa Street  
Alfe Menashe 44851, Israel  
TEL: + 972 (0)9 7926210  
FAX: + 972 (0)9 7926206

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

chemical description: 84% alcohol,  
15% perfume,  
1% quaternary ammonium.  
hazardous components: alcohol

### 3. HAZARDS IDENTIFICATION

The most important hazards are: THIS PRODUCT IS NOT CLASSIFIED AS  
HAZARDOUS

### 4. FIRST AID MEASURES:

eyes: flush with water. Obtain medical attention  
skin: wash skin thoroughly with water  
swallowing: seek immediate medical attention  
inhalation: Remove to fresh air. Use any resuscitation methods. Seek medical attention  
other: seek medical attention

### 5. FIRE FIGHTING MEASURES

extinguishing: water, powder, foam,  
media hazards: No unusual hazards.  
Unsuitable media: None Specified

## Safety data sheet – Healthy Air

### 6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)

PERSONAL PRECAUTIONS:	none required
ENVIRONMENTAL PRECAUTIONS:	N/A
RECOVERY OR MAJOR SPILLAGE:	Collect or absorb as appropriate. Flush away remaining traces with water.
MINOR SPILLAGE:	flush away with water.

### 7. HANDLING AND STORAGE (IN NORMAL USE)

storage:	keep closed in a dry place
general handling:	observe good industrial practice.

### 8. EXPOSURE CONTROLS/EXPOSURE PROTECTION (NORMAL USE)

OCCUPATIONAL EXPOSURE LIMITS:	LONG/SHORT TERM
	None established
ENGINEERING MEASURES	ventilate area
PERSONAL PROTECTIVE EQUIPMENT:	
Respiratory:	none required
Hand:	none required
Eye:	none required
Skin:	none required

### 9. PHYSICAL/CHEMICAL PROPERTIES

appearance:	clear liquid
odour:	sweet – fruity
ph	n/a
boiling point	n/a
melting point	n/a
flashpoint	n/a
upper flam. Limit	n/a
lower flam. Limit	n/a
explosive properties	n/a
vapour pressure	Not determined
relative density	1.1
solubility	complete

### 10. STABILITY AND REACTIVITY

stability:	stable
conditions to avoid	None
materials to avoid	None
hazardous decomposition products:	none under normal conditions

## Safety data sheet – Healthy Air

### 11. TOXICOLOGICAL INFORMATION

acute effects	
eyes:	irritation
skin:	slight irritation
swallowing:	irritation
inhalation	irritation no adverse health effects known
carcinogenicity	not considered to be a carcinogen
mutagenicity	not considered to be a mutagen
reproductive effects	none identified
chronic effects:	none expected

### 12. ECOLOGICAL INFORMATION

MOBILITY	Soluble
PERSISTANCE AND DEGRADABILITY	Mostly degradable.
BIO ACCUMULATION	Not expected
AQUATIC TOXICITY	Not known
OTHER	

### 13. DISPOSAL CONSIDERATIONS

disposal methods:	comply with regulations. seek advise from waste disposal contractor
contaminated packaging:	Empty completely and flush with water.

### 14. TRANSPORTATION INFORMATION (REGULATIONS)

PACKAGING (size and description)	Carton containing 25 X 100cc bottles
TRANSPORT CLASSIFICATION	none
SUBSTANCE IDENTIFICATION NUMBER	none
PROPER SHIPPING NAME	Healthy Air
ICAO/IATA/IMDG CLASS	none
SUBSIDIARY RISK	none
PACKING GROUP	n/a
ADR CLASS	n/a
TRANSPORT HAZARD SYMBOL	n/a
HAZARD IDENT NUMBER	n/a
EMERGENCY ACTION CODE	n/a
OTHER	

### 15. REGULATORY INFORMATION (supply & labelling)

supply classification	This product is not hazardous
hazard pictogram	none
risk phrases	
safety phrases:	S2 – keep out of reach of children S26 – In case of contact with eyes rinse immediately with water and seek medical advise

## Safety data sheet – Healthy Air

### 16. OTHER INFORMATION:

The information contained in this document only covers the hazards presented by this material, it does not constitute a workplace risk assessment.

The information contained in this safety Data Sheet is based on present knowledge. It provides guidance on health, safety and environmental aspects of the product. The specific conditions of use of the product are outside the supplier's control.

The data and advise given apply when the product is sold for stated application or applications. This product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advise from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all nessessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

### 17. REVISIONS AND DATES