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# SAFETY DATA SHEET

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name: **CDC - ANTI CLOG**

Product Description: **AIR CONDITIONING TABLETS**

### Other Means of Identification

Product # 039  
Synonyms None

### Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.  
5731 Manchester Avenue  
St. Louis, MO 63110  
www.chemcoindustries.com  
314-647-1888  
1-800-854-4236 (to Reorder)

### Emergency Telephone Number

Emergency Telephone INFOTRAC 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification (GHS-US)

Acute Tox. 4 (Oral) H302  
Acute Tox 4 (Dermal) H312  
Acute Tox. 4 (Inhalation) H332  
Skin Corr. 1B H314  
\*Full text of H-phrases: see section 16

### GHS-US Labeling

#### Hazard pictograms (GHS-US):



Signal Word (GHS-US): **Danger**

#### Hazard Statements (GHS-US):

Harmful if swallowed, in contact with skin or if inhaled  
Causes severe skin burns and eye damage

#### Precautionary statements (GHS-US):

Do not breathe dust, fume, mist, spray, gas, vapors  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Wear protective gloves, protective clothing, face protection, eye protection  
If swallowed: Call a POISON CENTER, a doctor if you feel unwell  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
If on skin: Wash with plenty of water  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If inhaled: Remove person to fresh air and keep comfortable for breathing

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a doctor , a POISON CENTER  
 Call a doctor, a POISON CENTER if you feel unwell  
 Specific treatment (see First aid measures on this label)  
 Rinse mouth  
 Take off contaminated clothing and wash it before reuse.  
 Wash contaminated clothing before reuse  
 Store locked up  
 Dispose of contents/container to comply with local/regional/national/international regulations.

**Other hazards:** No additional information available

**Unknown acute toxicity (GHS-US):** Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance:** Not applicable

\*Full text of H-phrases: see section 16

**Mixture:**

Name	Product identifier	%	Classification (GHS-US)
Proprietary Ingredients	(CAS No) Proprietary	55	Not Classified
Benzalkonium chloride	(CAS No) 68391-01-5	20	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride	(CAS No) 68956-79-6	20	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 STOT RE 2, H373
Ethanol	(CAS No) 64-17-5	5	Flam. Liq. 2, H225 STOT SE 3, H336

**4. FIRST AID MEASURES**

**Description of first aid measures:**

**First-aid measures general:**

show this sheet where possible

**First-aid measures after inhalation:**

Remove victim to fresh air. Artificial respiration and/or oxygen if necessary. Immediately call a poison center or doctor/physician.

**First-aid measures after skin contact:**

Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Immediately call a poison center or doctor/physician.

**First-aid measures after eye contact:**

Immediately call a poison center or doctor/physician. Rinse immediately with plenty of water for 15 minutes.

**First-aid measures after ingestion:**

Immediately call a poison center or doctor/physician. Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:**

**Symptoms/injuries after inhalation:**

Harmful if inhaled. May cause respiratory irritation.

**Symptoms/injuries after skin contact:**

Harmful in contact with skin. Caustic burns/corrosion of the skin.

**Symptoms/injuries after eye contact:**

Causes serious eye damage.

**Symptoms/injuries after ingestion:**

Harmful if swallowed. MAY BE FATAL IF SWALLOWED. Nausea. Diarrhea.

**Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:**

**Suitable extinguishing media:**

Water spray. Carbon dioxide. Dry chemical powder. Alcohol-resistant foam.

**Special hazards arising from the substance or mixture:**

**Reactivity:** Thermal decomposition may produce: hazardous gases. Materials.

**Advice for firefighters:**

**Firefighting instructions:** Exercise caution when fighting any chemical fire.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

**General measures:** No flames, No sparks. Eliminate all sources of ignition.

**For non-emergency personnel:**

**Protective equipment:** Do not enter without an appropriate protective equipment

**Emergency procedures:** Evacuate unnecessary personnel. Avoid contact with skin, eyes, and clothing.

Ventilate spillage area.

**For emergency responders:**

**Protective equipment:** Equip cleanup crew with proper protection.

**Emergency procedures:** Stop leak if safe to do so. Stop release. Ventilate area.

**Environmental precautions:**

Advise local authorities if considered necessary. Stop leak if safe to do so. Avoid discharge to the environment. Do not allow to enter drains or water courses.

**Methods and material for containment and clean up:**

**For containment:** Collect spillage

**Methods for cleaning up:** Collect spillage. On land, sweep or shovel into suitable containers. Clean thoroughly.

**Reference to other sections:**

No additional information available.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:**

**Precautions for safe handling:** Provide local exhaust or general room ventilation. Do not breathe dust, vapors. Avoid contact with skin, eyes and clothing. Keep out of reach of children. Reduce/avoid exposure and/or contact. Provide readily accessible eye wash stations and safety stations.

**Conditions for safe storage, including any incompatibilities:**

**Storage conditions:** Keep container tightly closed. Store in a dry place. Store in a well-ventilated place.

**Incompatible products:** Strong oxidizing agents.

**Storage area:** 10-48.88 C

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters:**

Ethanol (64-17-5)		
ACGIH	ACGIH STEL (ppm)	1000 ppm
ACGIH	Remark (ACGIH)	URT irr

**Exposure controls:**

**Personal protective equipment:** Use appropriate personal protective equipment when risk assessment indicates this is necessary. Face shield. Gloves. Protective goggles. Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties:**

Physical state	Solid
Appearance	Light brown contents packaged in a plastic container
Odor	Soapy
Odor threshold	No data available
pH	No data available
Melting point	No data available

Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Relative density	No data available
Relative vapor density at 20 C	No data available
Specific gravity/density	0.965 - 0.985 g/ml
Solubility	Moderately soluble in water
Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available

**10. STABILITY AND REACTIVITY**

**Reactivity:**

Thermal decomposition may produce: hazardous gases. Materials.

**Chemical stability:**

The product is stable at normal handling- and storage conditions.

**Possibility of hazardous reactions:**

Hazardous polymerization does not occur.

**Conditions to avoid:**

Heat. Open flame. Sparks.

**Incompatible materials:**

Oxidizing agents.

**Hazardous decomposition products:**

Carbon monoxide. Carbon dioxide. Nitrogen oxides. HCl.

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects:**

**Acute toxicity:**

Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.

<b>Ethanol (64-17-5)</b>	
LD50 oral rat	10740 mg/kg body weight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit	> 16000 mg/kg (Rabbit; Literature study)
ATE CLP (oral)	10740.000 mg/kg body weight

**Skin corrosion/irritation:**

Causes severe skin burns and eye damage.

**Serious eye damage/irritation:**

Not classified.

**Respiratory or skin sensitization:**

Not classified.

**Germ cell mutagenicity:**

Not classified.

**Carcinogenicity:**

Not classified

**Reproductive toxicity:**

Not classified

**Specific target organ toxicity (single exposure):**

Not classified

**Specific target organ toxicity (repeated exposure):**

Not classified

**Aspiration hazard:**

Not classified.

**Symptoms/injuries after inhalation:**

Harmful if inhaled. May cause respiratory irritation.

**Symptoms/injuries after skin contact:**

Harmful in contact with skin. Caustic burns/corrosion of the skin.

**Symptoms/injuries after eye contact:** Causes serious eye damage.  
**Symptoms/injuries after ingestion:** Harmful if swallowed. MAY BE FATAL IF SWALLOWED. Nausea. Diarrhea.  
**Likely routes of exposure:** Skin and eye contact; inhalation; ingestion.

**12. ECOLOGICAL INFORMATION**

**Toxicity:**

Ethanol (64-17-5)	
LC50 fish 1	14200 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	9300 mg/l (48 h; Daphnia magna)
LC50 fish 2	13000 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 2	10800 mg/l (24 h; Daphnia magna)
Threshold limit other aquatic organisms 1	65 mg/l (72 h; Protozoa)
Threshold limit algae 1	1450 mg/l (192 h; Microcystis aeruginosa; Growth rate)
Threshold limit algae 2	5000 mg/l (168 h; Scenedesmus quadricauda; Growth rate)

**Persistence and degradability:**

Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.
Biochemical oxygen demand (BOD)	0.8 - 0.967 g O2/g substance
Chemical oxygen demand (COD)	1.70 g O2/g substance
ThOD	2.10 g O2/g substance
Ethanol (64-17-5)	
BOD (% of ThOD)	0.43% ThOD

**Bioaccumulative potential:**

Ethanol (64-17-5)	
BDF fish 1	1 (72 h; Cyprinus carpio)
Log Pow	-0.31 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4)

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods:**

**Waste disposal recommendations:** Dispose of contents/container to comply with local/national regulations.

**14. TRANSPORT INFORMATION**

**Department of Transportation (DOT)**

**In accordance with DOT:** Not regulated for transport

**Additional information:**

**Other information:** No supplementary information available.

**ADR:**

No additional information available.

**Transport by sea:**

No additional information available.

**Air Transport:**

No additional information available.

**15. REGULATORY INFORMATION**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR 372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**California Proposition 65** - This product contains, or may contain, trace quantities of a substance(s) known to the State of California to cause cancer and /or reproductive toxicity.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or clothing. Wear chemical goggles, protective clothing, and rubber gloves. May be fatal if swallowed, absorbed through the skin, or inhaled. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or smoking tobacco. Remove contaminated clothing and wash before reuse.

**16. OTHER INFORMATION**

**Training advice:** Normal use of this product shall imply use in accordance with the instructions on the packaging.

**Full text of H-phrases:**

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 2	Flammable liquids Category 2
Skin Corr. 1B	Skin corrosion/irritation Category 1B
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT RE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

**NFPA health hazard:** 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given

**NFPA fire hazard:** 0 - Materials that will not burn.

**NFPA reactivity:** 0 - Normally stable, even under fire exposure conditions, and are not reactive with water

**Disclaimer**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendee or users assume all risks associated with the use of this material.