



## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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- **Product name:** TREAT-O-CLA CONC.
- **Product Description:** Liquid clay stabilizer.
- **Manufacturer:** Deep South Chemical, Inc.  
229 Millstone Road  
Broussard, LA 70518 (337) 837-9931
- **For Emergency: Call CHEMTREC 1-800-424-9300 Outside the U.S.A. (703)-527-3887**
- **Contact Person:** Glenn Ray
- **Formula:** Proprietary
- **MSDS Revised:** January 1, 2014

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

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Components	CAS Number	%	PEL(OSHA)		TLV(ACGIH)		IDLH
			TWA	STEL	TWA	STEL	
(2 hydroxyethyl) trimethyl ammonium chloride	67-48-1	40-60	N/E		N/E	N/E	
Water	7732-18-5	40-60					

### SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

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#### Effects of overexposure

**Inhalation:** This product may cause irritation to nose, throat, and respiratory tract

**Skin Contact:** This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.

**Eye Contact:** Irritation to eyes.

**Ingestion:** There may be irritation of the mouth, throat, and digestive tract.

### SECTION 4. FIRST AID MEASURES

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**Eyes:** Move victim away from exposure and into fresh air. If irritation persists, seek medical attention. For direct exposure, flush with clean water for 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface.

**Inhalation:** Move victim away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing, artificial respiration should be administered.

**Skin:** Remove contaminated clothes. Cleanse affected area thoroughly with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing.

**Ingestion:** Drink plenty water. Seek medical attention.

### SECTION 5. FIRE FIGHTING MEASURES

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**Flash Point:** >200 °F TCC

#### Fire fighting measures

**Extinguishing Media:** While this product will not normally support combustion the use of water fog, dry chemical, foam, carbon dioxide or other extinguishing agent suitable for Class B fires is recommended. Use water to cool containers exposed to fire. For large fires, use water spray or fog, thoroughly drench the burning material.

**Unusual Fire And Explosion Hazards:** May evolve CO, CO<sup>2</sup> and/or NO<sub>x</sub> under fire conditions. Containers exposed in a fire should be cooled with water to prevent vapor pressure buildup leading to rupture.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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**Steps to be taken if material is released or spilled:** Use proper personal protective equipment. Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area. Keep out of drains, sewers or waterways. Use sand or other inert material to contain and soak up spill.

**Waste disposal method:** Dispose of according to local, state and federal regulations in an approved disposal facility or recycling facility.

## **SECTION 7. HANDLING AND STORAGE**

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**Storage:** Store in a well-ventilated area. Keep container tightly closed when not in use. Store in cool, dry area. Keep away from sources of ignition.

**Handling:** Use proper personal protective equipment. Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated workspace. When handling do not eat, drink, or smoke.

**Other precautions:** Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Ventilation:** Keep work area well ventilated.

**Protective clothing:** Impermeable gloves and impervious clothing as appropriate.

**Eye protection:** Chemical goggles where splashing may occur.

**Respiratory Protection:** Use appropriate respiratory protection when handling or in case of insufficient ventilation.

**Special Protection:** Safety shower, eye bath, and washing facilities should be available.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Specific gravity @ 60°F(H<sub>2</sub>O = 1):** 1.103

**Flash Point(TCC Method)(°F):** >200

**Vapor density (Air = 1):** >1.0

**Solubility:** Soluble in water.

**Vapor pressure @ 100°F :** 5 mmHg

**Evaporation Rate:** N/D

**Appearance:** Straw colored liquid.

**Odor:** Mild

**Boiling Point(°F) :** 220

**pH:** 6.5-8.0

**Density @ 60°F :** 9.20 lbs/gal

**Freezing Point (°F) :** < -20

## **SECTION 10. STABILITY AND REACTIVITY**

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**Stability and Reactivity:** Stable in normal conditions.

**Incompatible Materials:** Isolate from strong oxidizers such as permanganates, chlorates and peroxides.

**Hazardous Decomposition Products:** Elemental oxides.

**Conditions to Avoid:** Heat, sparks, sources of ignition.

**Hazardous Polymerization:** Will not occur.



**SECTION 11. TOXICOLOGICAL INFORMATION**

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**Chemical**                      **LD50 dermal**                      **LD50 oral**                      **LC50 inhalation**  
(none)

**Medical Condition Aggravated:** Exposure may adversely affect people with chronic disease of the respiratory system, skin and/or eyes, liver or kidneys.

**Chronic Effects:** Prolonged or repeated exposure may result in central nervous system damage, blindness, and damage to the pancreas, liver, or kidneys or possible death.

**Ingestion:** Can be fatal if swallowed. Can cause blindness, narcosis, nausea, burning pain in mouth, throat, abdomen, severe swelling of larynx, skeletal muscle paralysis affecting ability to breath, circulatory shock, and convulsions. Can not be made non-poisonous.

**Eyes:** Product mist will cause irritation and a burning sensation.

**Skin (Dermal):** May be absorbed causing toxic effects (see ingestion above).

**Listed Carcinogens:** None listed.

**SECTION 12. ECOLOGICAL INFORMATION**

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If released into the environment, see CERCLA in Section 15.

**SECTION 13. DISPOSAL CONSIDERATIONS**

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**Disposal:** If spilled, dispose according to local regulations. Recycle waste containers and clean out residues.

**Statutory Notification Required:** None in UK.

**SECTION 14. TRANSPORT INFORMATION**

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**Transport Information (Drum):** DOT-Non Regulated

**Transport Information (Bulk):** DOT-Non Regulated

**SECTION 15. REGULATORY INFORMATION**

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**Toxic Substances Control Act (TCSA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**CERCLA RQ-40 CFR 302.4(a)**  
Reportable Quantity--None

**SARA 302 Components-40 CFR 355 Appendix A**  
None

**Section 311/312 Hazard Class-40 CFR 370.2**  
Immediate                      (None)  
Delayed                      (None)  
Fire                      (None)  
Reactive                      (None)  
Sudden Release of Pressure                      (None)

**SARA 313-40 CFR 372.65**  
Component                      CAS Number  
(None)



**SECTION 16. OTHER INFORMATION**

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**NFPA RATING: Health (1) Fire (0) Reactivity (0)**

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N/D= No data; N/A = Not available; N/E= Not established