

# MATERIAL SAFETY DATA SHEET

## DT ACTIVATOR TYPE CP

### 1. CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Synergy Graphics Phone Number: 1-800-521-4042 Emergency Phone: 1-800-255-3924  
 Product Name: DT ACTIVATOR TYPE CP Product Number: 639010, 639190, 639210, 639400  
 Prepared By: Safety Manager Date Prepared: 10/02/2002  
 Synonyms:

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
TETRASODIUM EDTA	MIXTURE	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	< 1
SODIUM SULFITE	7757-83-7	N.E.	N.E.	5-7
HYDROQUINONE	123-31-9	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	< 2
METHYLAMINOETHANOL	109-83-1	N.E.	N.E.	< 2

### 3. HAZARDOUS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Eye Contact: Corrosive to the eyes and may cause severe damage

Inhalation: Normally no problem but inhalation of mist could cause respiratory irritation.

Ingestion: May cause severe burns and perforation of mucus membranes of mouth, throat, esophagus and stomach. Some asthmatics and sulfite-sensitive individuals may experience wheezing, chest tightness, stomach upset, hives, diarrhea.

Skin Contact: Can cause severe skin burns.

Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, dermatitis, difficulty breathing, abdominal pain, skin irritation, mucus membrane irritation, coughing, nausea, diarrhea.

### 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Get immediate medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, DO NOT induce vomiting. Give large quantities of water. Call a physician or poison control center.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Aggravated Medical Conditions: Allergies, chronic asthma, and individuals with sulfur sensitivities may experience chest tightness and other symptoms that can be exacerbated by fumes from this product.

Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as carcinogen.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

Flash Point: Nonflammable

Flash Point Method: Not applicable

Auto ignition: Not applicable

LEL: Not applicable

UEL: Not applicable

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Special Fire-Fighting Procedures: Firefighters should wear proper protective equipment and self-contained

breathing apparatus with full face piece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.  
Unusual Fire And Explosion Hazards: None known.  
Combustion Products: Carbon dioxide, carbon monoxide, and oxides of sulfur.

## 6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released: Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid contact with skin and eyes. Stop the spillage. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pre-treatment.

## 7. HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Store in a cool, dry, well ventilated area. Keep containers closed. Do not store with incompatible materials. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Triple rinse before disposal.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use NIOSH/MSHA approved respirator if acid fumes or mist are generated in high vapor concentrations.

Ventilation: Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits. 10 air changes per hour are recommended.

Protective Gloves: Nitrile, rubber, or neoprene waterproof gloves are recommended.

Eye Protection: Chemical safety goggles/splash shield.

Other Protective Clothing or Equipment: Rubber or plastic apron.

Work/Hygiene Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Controls: see Section 2.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Light straw colored liquid with a fishy odor.  
Boiling Point: >100° C  
Specific Gravity: 1.09 g/ml  
Evaporation Rate: N.F.  
Molecular Weight: Not applicable  
V.O.C. is 124.13 g/L or 1.49% or 0.13 lb./gal.

Solubility In Water: Complete  
Ph: 11.35  
Freezing Point: N.E.  
Percent Volatile: 88.32  
Other Properties:

## 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: High temperatures.

Incompatibility: Strong acids.

Hazardous Decomposition Or By Products: Sulfur dioxide may form under acidic conditions of pH < 4.

Hazardous Polymerization: Will Not Occur  
Conditions To Avoid: None known.

## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

## 14. TRANSPORT INFORMATION

DOT Class: NOT REGULATED

Hazard Class: NONE

UN No: NOT APPLICABLE

Packing Group:

Guide No:

Ship Name:

## 15. REGULATORY INFORMATION

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SARA TITLE III: NONE

CALIF. PROP. 65: NONE

CARCINOGENICITY: NONE OF THE COMPONENTS IN THIS CHEMICAL IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

## 16. OTHER INFORMATION (HMIS)

Health: 2

Flammability: 0

Reactivity: 0

Protective: C

OTHER ADDITIONAL INFORMATION: OTHER ADDITIONAL INFORMATION: The information and recommendations contained herein are based on data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.