



# Material Safety Data Sheet

(in compliance with 29 CFR 1910.1200)

Page 1 of 4

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT IDENTIFIER: ACCELERATOR TETD POWDER-D/CR

Manufactured for and supplied by:

Harwick Standard Distribution Corporation  
60 South Seiberling Street  
P.O. Box 9360  
Akron, Ohio 44305-0360

Telephone #: 330-798-9300  
Date prepared: December 2, 2009  
Preparer: Health, Safety & Environment  
Product Use: Accelerator

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components Chemical Identity	CAS Number	LD <sub>50</sub> of Ingredient	LC <sub>50</sub> of Ingredient	%
Tetraethylthiuram disulfide	97-77-8	Oral (rat) 4573 mg/kg		≥97
White Mineral Oil	8042-47-5			<2

## SECTION 3 - HAZARD(S) IDENTIFICATION

**Primary routes of exposure:**

**Inhalation**  **Skin contact**  **Eye contact**  **Skin absorption**  **Ingestion**

**Emergency Overview:** WARNING! Fine dust clouds may form explosive mixtures with air. Dust may be irritating to eyes and upper respiratory tract. May cause sensitization by skin contact. May cause alcohol intolerance.

**Potential Health Effects:** Harmful if swallowed. Dust may be irritating to the respiratory tract and cause symptoms of bronchitis. Repeated or prolonged skin contact may cause skin irritation or skin sensitization effect. Ingestion of material may cause alcohol intolerance. Exposure immediately before or after consuming alcoholic beverages may cause antabuse effect (nausea, vomiting, dizziness).

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, seek immediate medical attention.

**Ingestion:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

**Skin contact:** Remove contaminated clothing. Wash skin with water, using soap if available. Launder clothing before reuse. Get medical attention if irritation persists.

**Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes holding eyelids away from eyeball. Remove contact lenses if possible. Get medical attention if irritation persists.



**Notes to Physician:** Treat symptomatically. Exposure by ingestion, inhalation or skin absorption may cause alcohol intolerance (Antabuse Effect).

#### SECTION 5 – FIRE FIGHTING MEASURES

**Flash point (method):** Not determined.

**Extinguishing media:** Water spray, water mist, foam, and dry chemical powder. Water jet is an unsuitable extinguishing method.

**Special fire fighting procedures:** Fight fire from a safe distance and from a protected location. Use water spray to cool fire exposed surfaces. Decomposition in fire may produce toxic gases. Do not allow runoff to enter waterways.

**Unusual fire and explosion hazards:** Toxic emissions may result if product is involved in a fire: Toxic oxides of carbon, nitrogen and sulfur.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Leak & Spill Procedure:** Wear protective equipment specified. Avoid the generation of dust. Avoid ingestion and inhalation of dust. Scoop place into closable container for disposal. Isolate area and remove sources of friction, impact, heat, low level electrical current, and RF energy. Scoop up and remove solids. Do NOT spread spilled product with water.

#### SECTION 7 - HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Prevent dust accumulation. Avoid generating or breathing dust. Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Re-close containers of unused product. Keep containers tightly closed when not in use. Do not reuse this container.

**Storage:** Store closed containers in a cool, dry, well-ventilated area. Avoid ignition sources such as sparks and flames. Store away from strong oxidizing materials. Avoid exposure to direct sunlight.

#### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** NIOSH REL 8-hr TWA: 2 mg/m<sup>3</sup>  
ACGIH TLV 8-hr TWA: 2 mg/m<sup>3</sup>

**Respiratory protection (specify type):** A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists.

**Ventilation:**                      **Local exhaust:** Recommended to minimize exposure.  
**Mechanical (general):** Recommended to minimize exposure.

**Protective gloves:** Impervious

**Eye protection:** Chemical goggles



**Skin protection:** Coveralls

**Other protective clothing or equipment:** None known.

**Work/hygienic practices:** Launder contaminated clothing before reuse.

**SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES**

Boiling point:	Not available	Specific gravity:	1.17-1.30 @20°C
Melting point:	64°C	Molecular weight:	296.54
Freezing point:	Not available	pH:	Not available
Vapor pressure (mm Hg):	Negligible @ 20°C	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	15 ppm	Evaporation rate:	Not available
Appearance/Physical state:	Powder	Odor:	Slight amine
Form:	Solid	Color:	Off-white

**SECTION 10 - STABILITY & REACTIVITY**

**Stability**                      **Stable:**                        
    **Unstable:**                     

**Conditions to avoid (conditions of reactivity):**                      Not determined.

**Incompatibility (materials to avoid):**                      Avoid contact with acids, strong oxidizers and nitrosating agents.

**Hazardous decomposition or byproducts:**                      Toxic oxides of carbon, nitrogen and sulfur.

**Hazardous polymerization**                      **May occur:**                        
    **Will not occur:**                     

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Acute:** Contact with material may cause alcohol intolerance (headache, dizziness, nausea, vomiting, gastrointestinal irritation. Inhalation may cause alcohol intolerance. May cause an allergic skin reaction. Exposure to dust particles generated from this material may cause irritation of the respiratory tract. Causes mild eye irritation.

**Chronic:** May cause skin defatting with prolonged exposure.

**Carcinogenicity**

**NOTE:** May react with nitrosating agents during rubber vulcanization to form nitrosamines. Some nitrosamines are suspect human carcinogens.

**NTP**                                            **IARC**                                            **OSHA**                                            **ACGIH**                     

**Reproductive toxicity:** Not available.



# Material Safety Data Sheet

(in compliance with 29 CFR 1910.1200)

Page 4 of 4

## SECTION 12 - ECOLOGICAL INFORMATION

**Toxicity:** 96 hour LC 50 (Guppy): .32 mg/liter  
48 hour LC50 (Daphnia Magna): .12 mg/liter

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste disposal method:** In accordance with federal, state, and local regulations.

## SECTION 14 - TRANSPORTATION INFORMATION

**Special shipping information:** Not DOT regulated.

## SECTION 15 - REGULATORY INFORMATION

### TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

### SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: Immediate, Delayed

### SARA 313

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372: None known.

### RCRA status

The following chemical components are listed under (40 CFR 261): None known

**FDA Status 21 CFR:** Regulated for Use under the following 21 CFR sections:

177.2600 - Rubber Articles Intended for Repeated Use

175.105 – Components of Adhesives

**HMIS Classification:** HEALTH 2 FLAMMABILITY 1 REACTIVITY 0

## SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.

Harwick Standard Distribution Corporation

[www.harwickstandard.com](http://www.harwickstandard.com)