



Material Safety Data Sheet

(in compliance with 29 CFR 1910.1200)

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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: ACCELERATOR DPTT POWDER-D

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 ₅₀ of Ingredient	LC ₅₀ of Ingredient	%
Dipentamethylenethiruam tetrasulfide	120-54-7	Oral (Rat) > 5000 mg/kg		>97
White Mineral Oil (oiled powder only)	8042-47-5			<2

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

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

Emergency Overview: WARNING! Combustible dust – explosion potential! Causes eye irritation. May irritate the skin. Causes respiratory irritation. May cause alcohol intolerance.

Potential Health Effects: Causes mild eye irritation. May cause allergic skin reaction. Material absorbed through the skin may create an antabuse effect. Exposure to dust particles generated from this material may cause irritation to the respiratory tract.

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. Seek medical attention if irritation persists

Eye contact: In case of contact, immediately flush eyes with plenty of water while lifting and lower eyelids for at least 15 minutes and seek medical attention if irritation persists.

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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: Use water spray, carbon dioxide, foam, or dry chemical.

General Hazards: Avoid ignition sources such as sparks and flames.

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.

Hazardous combustion products: Carbon monoxide. Oxides of nitrogen. Oxides of sulfur.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. 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. Store away from strong oxidizing materials. Store away from heat. Store away from heat, sparks and flame. Avoid exposure to direct sunlight.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not available.

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: Normal work coveralls. Launder contaminated clothing before reuse.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not available	Specific gravity:	1.5 @ 20°C
Melting point:	103°C	Molecular weight:	384.7
Freezing point:	Not available	pH:	Not available
Vapor pressure (mm Hg):	Not available	Odor threshold (ppm):	
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	Insoluble	Evaporation rate:	Not available
Appearance/Physical state:	Powder	Odor:	Slight aromatic
Form:	Solid	Color:	Light yellow

SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
 Unstable:

Conditions to avoid (conditions of reactivity): Avoid ignition sources. Keep away from heat, sparks and flame. Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

Incompatibility (materials to avoid): Contact with acids. Contact with oxidizing agents.

Hazardous decomposition or byproducts: Carbon monoxide. Oxides of nitrogen. Oxides of sulfur.

Hazardous polymerization May occur:
 Will not occur:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: May cause alcohol intolerance (Antabuse Effect). Causes mild eye irritation.

Chronic: May cause skin defatting with prolonged exposure

Carcinogenicity: This product, or one of its ingredients present at 0.1% or more, is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC or OSHA. 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.



SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Fish Toxicity: 48Hr LC50 = 500 mg/l

Other Information: DPTT is considered moderately toxic to aquatic species.

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 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.

SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: None known.

RCRA status

The following chemical components are listed under (40 CFR 261): Not a RCRA waste.

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

177.2600 Rubber Articles intended for repeated contact with food

175.300 Polymeric Coatings.

177.1210 Closures with Sealing Gaskets for Food Containers

HMIS Classification: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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