



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 TiBTD GRANULES

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: July 30, 2010
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	%
Tetraisobutylthiuram disulfide	3064-73-1	Oral (rat) >2500 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: May cause allergic skin reaction. May cause skin irritation. May cause eye irritation.

Potential Health Effects: Eye contact with dust can cause slight irritation to eyes such as itching, reddening, tearing and burning. Repeated or prolonged skin contact may cause skin irritation, skin sensitization or allergic skin reaction. Antabuse Effect: This product may have an adverse reaction with alcohol consumption.

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 affected areas of skin with soap and water. Launder clothing before reuse. Seek 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. Seek medical attention if irritation persists.



SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): Not determined.

Extinguishing media: Water spray, water fog, foam, or dry chemical. Do NOT use water jet.

Special fire fighting procedures: Fight fire from a safe distance and from a protected location. Use water spray to cool fire exposed surfaces.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Remove sources of spillage. Scoop up and place into closable container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Prevent dust accumulation. Avoid contact with eyes, skin and clothing. 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.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not available

Respiratory protection (specify type): If dust is excessive (above TLV), a NIOSH/MSHA approved full organic cartridge filter respirator, sir supplied respirator or SCBA.

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

Protective gloves: Impervious

Eye protection: Safety glasses

Skin protection: Coveralls

Other protective clothing or equipment: None known.

Work/hygienic practices: Avoid eye contact as safe industrial practice. Wash exposed skin thoroughly with soap and water.



SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not available	Specific gravity:	1.15 @ 25°C
Melting point:	69°C	Molecular weight:	Not available
Freezing point:	Not available	pH:	Not available
Vapor pressure (mm Hg):	Not available	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	Insoluble	Evaporation rate:	Not available
Appearance/Physical state:	Granule	Odor:	Not available
Form:	Solid	Color:	Light tan to yellow

SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
 Unstable:

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

Incompatibility (materials to avoid): Reducing agents and strong acids.

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

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: Slightly irritating to skin. May cause alcohol intolerance (Antabuse effect).
Chronic: None known.

Carcinogenicity

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

Reproductive toxicity: Not available.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity: Not available.

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: None known

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

If discarded in its purchased form, this product would not be a hazardous waste as defined in 40 CFR 261, Subpart C. Local, state and federal laws should be observed when disposing.

HMIS Classification: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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