



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STANGARD® DTPD GRANULE/FLAKE

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: Antiozonant

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components Chemical Identity	CAS Number	LD ₅₀ of Ingredient	LC ₅₀ of Ingredient	%
N,N'-ditoly-p-phenylenediamine	50864-70-2			>97

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

Inhalation Skin contact Eye contact Skin absorption Ingestion

Emergency Overview: May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Potential Health Effects: Causes irritation to the eyes, skin and 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: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

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

Notes to Physician: Effects may be delayed.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): Not Available

Extinguishing media: Water spray, foam, carbon dioxide or dry chemical.



Special fire fighting procedures: Fight fire from a safe distance and from a protected location. Use water spray to cool fire exposed surfaces. Do not allow runoff to enter waterways.

Unusual fire and explosion hazards: Toxic emissions may result if product is involved in a fire. Fire produces carbon monoxide and carbon dioxide gases.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear protective clothing. Isolate spill and stop leak if without risk. Avoid generating dust. Avoid ingestion and inhalation of dust. Sweep up or absorb material and place into tightly sealed container for disposal. Do not spread spilled product with water. Avoid runoff into storm sewers and ditches which lead to waterways. Provide ventilation.

SECTION 7 - HANDLING AND STORAGE

Handling: Minimize dust generation and accumulation. Avoid ingestion and inhalation. Use adequate ventilation. Avoid contact with eyes, skin and clothing. Re-close containers of unused product. Do not reuse the container. Keep ignition sources away.

Storage: Store closed containers in a cool, dry well-ventilated area. Store away from strong oxidizing materials.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV.

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

Protective gloves: Impervious

Eye protection: Protective eyeglasses or chemical goggles

Skin protection: Normal work coveralls. Launder contaminated clothing before reuse.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not available	Specific gravity:	Not available
Melting point:	146-148°C	Molecular Weight:	260.34
Freezing point:	Not available	pH:	Not available
Vapor pressure (mm Hg):	Negligible	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 or Flake	Odor:	
Form:	Solid	Color:	Brown-grey



SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
 Unstable:

Conditions to avoid (conditions of reactivity): Keep away from strong oxidizing agents.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous decomposition or byproducts: Nitrogen oxides, carbon monoxide and carbon dioxide.

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

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: Causes eyes, skin and respiratory tract irritation.

For available toxicological information, write to the address listed in Section 1 of this MSDS.

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic 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 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.

HMIS Classification: HEALTH 2 FLAMMABILITY 1 REACTIVITY 0



SECTION 16 - OTHER INFORMATION

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