



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco TMTD-75

Other means of identification:

Product Description: Mixture of 75% tetramethylthiuram disulphide and 25% polymer and dispersing agent

Recommended use of the chemical and restrictions on use:

Chemical distributor, or other responsible party Name, address, and telephone number:

Distributor Name: Western Reserve Chemical Corporation
Address: 4837 Darrow Road
Stow, OH 44224
USA
General Phone Number: 330 650 2244
General Fax Number: 330 650 2255

Emergency phone number::

Emergency Phone Number: Chemtrec 1 800 424 9300 USA
Website: www.wrchem.com

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Class: Westco TMTD-75 is not classified according to the Globally Harmonized System of Classification and Labeling of Hazardous Chemicals.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.
Potential Health Effects: No Information Provided.
Eye: May cause slight irritation or inflammation. Direct contact should be avoided to prevent physical damage.
Skin: May cause irritation and sensitization.
Inhalation: Short term exposure to high dust levels could cause minor irritation. Long term exposure to high concentrations of dust should be avoided. Dust of this product can cause severe and permanent lung damage when inhaled.
Ingestion: Ingestion will irritate the mouth and digestive tract. May cause vomiting, fever, abdominal pain, and loss of appetite.
Carcinogenicity: This material is not a known carcinogen.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Tetramethyl thiuram disulphide	137-26-8	75% by weight	
Ethylene-Propylene-Diene Monomer	25038-36-2	24.5% by weight	
Dusting Agent(talc)	14807-96-6	0.5% by weight	

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	Get medical attention. Never give anything by mouth to an unconscious person.
Notes :	Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or inhalation dust.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media:	water spray.
Unusual Fire Hazards:	High concentrations of dust in the air can explode if exposed to a flame, spark or other ignition sources.

Special protective equipment and precautions for fire-fighters:

Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions:	Use proper personal protective equipment as listed in Section 8.
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Methods and materials for containment and cleaning up:

Spill Cleanup Measures:	Use appropriate tools to collect spilled material into appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of spilled material according to local and regional authority requirements. Avoid allowing entry into sanitary sewer system or environment.
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SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling:	Use with adequate ventilation. Avoid contact with eyes, skin, or clothing.
Hygiene Practices:	When using, do not eat, drink or smoke. Follow good industrial hygiene practices when handling this material. Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Conditions for safe storage, including any incompatibilities:

Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
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Specific end use(s):

Work Practices:	Wash hands and arms frequently. Shower after exposure. Wash work clothes when soiled.
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SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
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Individual protection measures:

Eye/Face Protection:	Wear appropriate protective eyeglasses or chemical safety goggles.
Skin Protection Description:	Apron or coveralls should be used to prevent contact with skin or clothing.
Hand Protection Description:	Wear protective gloves.
Respiratory Protection:	Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

PPE Pictograms:



Notes : Local exhaust ventilations may be necessary for some operation.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Solid
Physical State Appearance: Granules
Color: Grey-white
Odor: Odorless
Boiling Point: No Information Provided.
Melting Point: No Information Provided.
Solubility: Insoluble
Vapor Pressure: No Information Provided.
pH: No Information Provided.

9.2. Other information:

Notes : Relative Density: >1(water=1)

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

Hazardous Polymerization: Will not occur.

Conditions To Avoid:

Conditions to Avoid: No Information Provided.

Incompatible Materials:

Incompatible Materials: No Information Provided.

Hazardous Decomposition Products:

Special Decomposition Products: The following combustion products may be generated: carbon dioxide, carbon monoxide, nitrogen oxides, and sulfur oxides and trace volatile organic compounds.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity: LD50: >3000mg/kg mouse oral

Chronic Effects: No Information Provided.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: Harmful to aquatic organisms, may cause long-term effects in the aquatic environment.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Disposal according to local regulations. Avoid disposing into drainage systems and into the environment.

Notes : Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not DOT regulated.

DOT Pictograms:



IATA Shipping Name: Not IATA regulated.

IATA Pictograms:



Canadian Shipping Name: Not Regulated.

IMDG Shipping Name : Not Regulated.

ADR Shipping Name : Not Regulated.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: Not listed on the TSCA Inventory. It is for research and development use only. None of the chemicals in this material have a SNUR under TSCA.

TSCA 12(b) Export Notification: None of the chemicals in this material are listed under TSCA 12b.

Section 302 EHS: None of the chemicals in this material have a TPQ.

Section 304 RQ: None of the chemicals in this material have an RQ.

OSHA Process Safety: None of the chemicals in this product are considered highly hazardous by OSHA.

California PROP 65: None of the chemicals in this material are listed.

Risk Phrases: Not applicable.

Safety Phrase: Not applicable.

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1

HMIS Fire Hazard: 1

HMIS Reactivity: 0

HMIS Personal Protection: J

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	J

SDS Creation Date: September 13, 2016

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Notes :

Important Note: This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

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