



CHEMET WETS & FLOWS P. LTD.

AN ISO 9001:2008; ISO 14001:2004; OHSAS 18001:2007 CERTIFIED COMPANY

G-12 Hemkoot Building, B/H LIC Office, Opp. B.M. Institute of Mental Health, Ashram Road, Ahmedabad-380009. Gujarat. INDIA.

Phone : 079-26586091, Fax : 079-26587111 Email : info@chemet.in Website : www.chemet.in

PRODUCT SAFETY DATA SHEET OF THIRAM 75 %WS

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	SEEDKOT 750
Technical Name	THIRAM 75% WS
Chemical Name	dimethylcarbamothioylsulfanyl N,N-dimethylcarbamodithioate
Formula	C ₆ H ₁₂ N ₂ S ₄
Supplier	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Manufacturer	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Environmental, Health and Safety Department	Fax : 02646-220254 Number: 02646-239490
E mail Id	chemetank@gmail.com

2. COMPOSITION /INFORMATION ON INGREDIENT

INGREDIENT	CAS NO	PERCENTAGE
Thiram Ws	137-26-8	75%

3. HAZARDS IDENTIFICATION

MAY BE IRRITATING TO RESPIRATORY SYSTEM, SKIN AND EYES.
May Cause Skin Sensitization.

4. FIRST AID MEASURES

Swallowing

If patient is fully conscious, give two glasses of water. Induce vomiting. Obtain medical attention immediately. Do not give milk, oily products, fat or alcohol. Do not give anything by mouth to an unconscious person.

Inhalation



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Remove to fresh air. Give artificial respiration if not breathing. Obtain medical attention.

Skin contact

Wash skin with soap and water. Remove contaminated clothing. Wash clothing before re-use. Obtain medical attention if irritation persists

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention

5. FIRE-FIGHTING MEASURES

Flash point 89 °C

Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear. Self-contained breathing apparatus.

Extinguishing media

Suitable: Large fires:-alcohol-type foam or universal-type foams.
Small fires:-CO₂-Dry chemical-Water spray

Unsuitable -water jets

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment. Avoid contact with eyes and skin.

Environmental precautions

Prevent from entering sewer system, surface water or soil.

Methods for cleaning up

Sweep up and collect in a suitable container for disposal. Avoid dust formation. Observe government regulations.

7. HANDLING AND STORAGE

Handling

Handling precautions Do not get in eyes, on skin, on clothing. Do not swallow. Avoid dispersion of dust to reduce fire and explosion potential. Do not eat, drink or smoke. When handling



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Storage

Storage requirements Store in a cool, dry place.
Store in closed original drums.

8.EXPOSURE CONTROLS /PEOTECTION

EXPOSURE LIMIT VALUES

Consult local authorities for acceptable provincial values.

ENGINEERING CONTROLS

Ventilation: Apply local exhaust ventilation at points of dust generation.

No other exposure limits have been established.

Personal Protection

Hand protection / protective gloves

Chemical resistant protective gloves

Eye protection

Safety glasses with side shields.

Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

9.PHYSICAL AND CHEMICAL PROPRTIES

APPEARANCE

Physical state	Solid
Color	Pink
Odour	Characteristic

OTHER PROPERTIES

Boiling point	Not available
Melting point	Not available
Specific gravity (H ₂ O=1)	Not available
Flash point	89°C

10.STABILITY AND RECTIVITY

None

11.TOXICOLOGICAL INFORMATION

Component data

LD50 – Rat

Thiram

Result: 2.6 g/kg

Acute toxicity- Swallowing:



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Component data Thiram Acute toxicity – Skin absorption	LD50 – Rabbit Result: >2.0 g/kg
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Component data Thiram Acute toxicity – Inhalation	LC50 – Rat Result: 4.42 mg/l
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Component data Thiram Skin irritation – Skin contact	Species: Rabbit Result: Slight
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Component data Thiram Eye irritation – Eye contact	Species: Rabbit Result: Moderate irritation
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Component data Thiram Sensitization	Species: Rabbit Result: Positive
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12. ECOLOGICAL INFORMATION

Component eco toxicology Thiram Acute toxicity fish	LC50 – Rainbow trout (<i>Oncorhynchus mykiss</i>) Result: 0.128 mg/l Exposure time: 96 h
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Component eco toxicology Thiram Acute toxicity fish:	LC50 – Bluegill (<i>Leprosies macrochirus</i>) Result: 0.0445 mg/l Exposure time: 96 h
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Component eco toxicology Thiram Acute toxicity to aquatic invertebrates:	LC50 – Water flea (<i>Daphnia magna</i>) Result: 0.21 ppm Exposure time: 48 h
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13. DISPOSAL CONSIDERTIONS

General

Avoid discharge to sewers and natural waters., Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name	Environmentally hazardous substance, solid,
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Class	9
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UN ID	3077
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Packing group

III

Technical description

(THIRAM)

15. REGULARLY INFORMATION

NONE.

16. OTHER INFORMATION

None

DISCLAIMER

All reasonable care has been exercised in processing your request for information on the chemical listed in this Material Safety Data Sheet. No warranty is made, either expressed or implied and Perisseuma Projects does not hold itself liable for any injury, illness, loss or misinterpretation arising from the use of this data. CHEMET WETS & FLOWS P.LTD makes no warranty expressed or implied in respect of the adequacy of this document for any particular purpose.

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