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: C₆H₁₂N₂S₄

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

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO</th>
<th>PERCENTAGE</th>
</tr>
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<tbody>
<tr>
<td>Thiram Ws</td>
<td>137-26-8</td>
<td>75%</td>
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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
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.

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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

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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.

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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
### Storage

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

### 8. EXPOSURE CONTROLS / PROTECTION

#### 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 PROPERTIES

#### APPEARANCE

- **Physical state:** Solid
- **Color:** Pink
- **Odour:** Characteristic

#### OTHER PROPERTIES

- **Boiling point:** Not available
- **Melting point:** Not available
- **Specific gravity (H₂O=1):** Not available
- **Flash point:** 89°C

### 10. STABILITY AND REACTIVITY

None

### 11. TOXICOLOGICAL INFORMATION

#### Component data

- **Thiram**
  - **Acute toxicity – Swallowing:**
    - LD50 – Rat: Result: 2.6 g/kg
### Component data

**Thiram**

**Acute toxicity – Skin absorption**
- LD50 – Rabbit
  - Result: >2.0 g/kg

**Acute toxicity – Inhalation**
- LC50 – Rat
  - Result: 4.42 mg/l

**Skin irritation – Skin contact**
- Species: Rabbit
  - Result: Slight

**Eye irritation – Eye contact**
- Species: Rabbit
  - Result: Moderate irritation

**Sensitization**
- Species: Rabbit
  - Result: Positive

### 12. ECOLOGICAL INFORMATION

**Component eco toxicology**

**Thiram**

**Acute toxicity fish**
- LC50 – Rainbow trout (Oncorhynchus mykiss)
  - Result: 0.128 mg/l
  - Exposure time: 96 h

**Acute toxicity fish**
- LC50 – Bluegill (Leprosies macrochirus)
  - Result: 0.0445 mg/l
  - Exposure time: 96 h

**Acute toxicity to aquatic invertebrates**
- LC50 – Water flea (Daphnia magna)
  - Result: 0.21 p pm
  - Exposure time: 48 h

### 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,

**Class**

9

**UN ID**

3077
### 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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