



# Material Safety Data Sheet

## THIRAM 75WP

Version: 1.9

Revision Date: 02/06/2013

Print Date: 10/08/2013

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *THIRAM 75WP*

Registration number: PCP# 27556

Company: Chemtura Canada Co./Cie  
25 ERB STREET  
Elmira, Ontario  
N3B 3A3  
Canada

Telephone: (US) +1 866-430-2775

Emergency telephone number: :  
: 866-744-3060  
CANUTEC: (24 hours) 613-996-6666 (call collect)

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department  
(US) +1 866-430-2775

02/06/2013

MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **WARNING!**

Form: powder      Colour: pink      Odour: characteristic

WHMIS Classification : : This product is registered under the Pest Control Products Act and is therefore exempt from WHMIS supplier labeling and MSDS requirements. Please read entire MSDS and product label for safety precautions.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

| Component / CAS-No.                    | Weight percent |
|--|----------------|
| thiram<br>137-26-8                     | 75 %           |
| quartz (SiO <sub>2</sub> ) (Fr = 100%) | >= 0.1 - < 1 % |



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14808-60-7

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

- Inhalation : Remove to fresh air.  
If not breathing, give artificial respiration.  
Obtain medical attention.
- Skin contact : Wash off with warm water and soap.  
Remove contaminated clothing and shoes.  
Wash clothing before reuse.  
If symptoms persist, call a physician.
- Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
Obtain medical attention.
- Ingestion : If victim is fully conscious, give a cupful of water.  
Do not induce vomiting without medical advice.  
Get medical attention immediately.  
Do not give milk, alcoholic beverages or castor oil.

### SECTION 5. FIREFIGHTING MEASURES

#### Flammable properties

- Flash point : Remarks: not applicable

#### Fire fighting

- Suitable extinguishing media : Extinguishing media - large fires  
Alcohol-resistant foam  
(on small fires)  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water spray
- Unsuitable extinguishing media : Water spray jet
- Further information : Do not discharge extinguishing waters into streams, rivers and lakes.

#### Protective equipment and precautions for firefighters

- Special protective equipment for firefighters : Body covering protective clothing, full "turn-out" gear.  
Self-contained breathing apparatus (EN 133)

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear suitable protective equipment.  
Avoid contact with skin and eyes.



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Environmental precautions : Prevent leaks and prevent soil / water pollution caused by leaks.

Methods for containment /  
Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.  
Avoid dust formation.

In accordance with local and national regulations.

### SECTION 7. HANDLING AND STORAGE

#### Handling

Handling procedures : Do not get in eyes, on skin, or on clothing.  
Do not swallow.  
Avoid formation of dust and aerosols.  
Do not eat, drink or smoke when using this product.

#### Storage

Requirements for storage  
areas and containers : Keep in a dry, cool place.  
Keep container closed.  
Store in original containers away from incompatible materials.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

#### Components with workplace control parameters

| Components / CAS-No.                                 | Value / Basis / Update                   | Control parameters | Further information |
|--|--|--------------------|---------------------|
| thiram<br>137-26-8                                   | TWA<br><br>CA AB OEL<br><br>2007-01-01   | 1 mg/m3            |                     |
|  | TWAEV<br><br>CA ON OEL<br><br>2005-12-17 | 1 mg/m3            |                     |
|  | TWAEV<br><br>CA QC OEL<br><br>2006-12-29 | 5 mg/m3            |                     |
| quartz (SiO <sub>2</sub> ) (Fr = 100%)<br>14808-60-7 | TWA<br><br>CA BC OEL<br><br>2006-11-29   | 0.025 mg/m3        |                     |
|  | TWA<br><br>CA AB OEL<br><br>2007-01-01   | 0.1 mg/m3          |                     |



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|  |                                  |                         |  |
|--|----------------------------------|-------------------------|--|
|  | TWAEV<br>CA QC OEL<br>2006-12-29 | 0.1 mg/m <sup>3</sup>   |  |
|  | TWA<br>CA ON OEL<br>2010-01-02   | 0.1 mg/m <sup>3</sup>   |  |
|  | TWA<br>CA AB OEL<br>2009-04-30   | 0.025 mg/m <sup>3</sup> |  |

### Engineering measures

### Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection : Impervious gloves

Skin and body protection : Lightweight protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures :

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : powder

Colour : pink

Odour : characteristic

### Safety data

Flash point : Note: not applicable

pH : Note: not applicable

Melting point/range : Note: no data available

Boiling point/boiling range : Note: not applicable



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Vapour pressure : not applicable

### SECTION 10. STABILITY AND REACTIVITY

Materials to avoid : Remarks: Oxidizing agents  
Strong acids and strong bases

Hazardous decomposition products : Note: Carbon oxides  
nitrogen oxides (NOx)  
Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous reactions : Hazardous polymerisation does not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity  
thiram : LD50: 1,800 mg/kg  
Species: rat

quartz (SiO<sub>2</sub>) (Fr = 100%) : LD50: 500 mg/kg  
Species: rat

Acute inhalation toxicity  
thiram : LC50: > 5.04 mg/l  
Exposure time: 4 h  
Species: rat

Acute dermal toxicity  
thiram : LD50: > 2,000 mg/kg  
Species: rat

Eye irritation  
thiram : Species: rabbit  
Result: Eye irritation

Sensitisation  
thiram : Species: guinea pig  
Classification: May cause sensitization by skin contact.  
Result: Causes sensitization.

CMR effects  
thiram : Carcinogenicity: Animal testing did not show any carcinogenic effects.  
Mutagenicity: In vitro tests showed mutagenic effects  
Reproductive toxicity: No effects on or via lactation

quartz (SiO<sub>2</sub>) (Fr = 100%) : Carcinogenicity: Human carcinogen.  
Mutagenicity: Animal testing did not show any mutagenic effects.



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### 12. ECOLOGICAL INFORMATION

Toxicity to fish  
thiram : LC50: 0.13 mg/l  
Exposure time: 96 h  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates  
thiram : EC50: 0.21 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)

Toxicity to algae  
thiram : 0.4517 mg/l  
Exposure time: 96 h  
Species: Chlorella vulgaris (Fresh water algae)  
0.14 mg/l  
Exposure time: 96 h  
Species: Scenedesmus capricornutum (fresh water algae)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)  
thiram : 0.008 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

#### Further information on ecology

### SECTION 13. DISPOSAL CONSIDERATIONS

Further information : In accordance with local and national regulations.

### SECTION 14. TRANSPORT INFORMATION

#### TDG

UN number : 3077  
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
(thiram)  
Class : 9  
Packing group : III  
Labels : 9  
Environmentally hazardous : yes



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### IATA

UN number : 3077  
Description of the goods : Environmentally hazardous substance, solid, n.o.s.  
(thiram)  
Class : 9  
Packing group : III  
Labels : 9  
Environmentally hazardous : yes

### IMDG

UN number : 3077  
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
(thiram)  
Class : 9  
Packing group : III  
EmS Number 1 : F-A  
EmS Number 2 : S-F  
Marine pollutant : yes  
thiram  
Environmentally hazardous : yes  
thiram

## SECTION 15. REGULATORY INFORMATION

**WHMIS Classification** :

**NPRI Components** : Nonylphenol, ethoxylated 9016-45-9  
Poly(oxy-1,2-ethanediyl), .alpha.-(1,1,3,3- 9036-19-5  
tetramethylbutyl)phenyl]-.omega.-hydroxy-

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Ce produit a été classé selon les critères de risque du RPC et la FS contient toutes les informations exigées par le RPC.

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### SECTION 16. OTHER INFORMATION

#### Further information

#### Other Emergency Phone Number

|                       |                     |                      |
|-----------------------|---------------------|----------------------|
| <u>Latin America:</u> | Brazil              | +55 113 711 9144     |
|                       | All other countries | +44 (0) 1235 239 670 |
| <u>Mexico:</u>        |                     | +52 555 004 8763     |

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