VENTUM 800 WP

1. Identification of the substance/preparation and of the company/undertaking

Product name : VENTUM 800 WP
Supplier : Nulandis (A division of AECI Ltd),
14 Field Road,
LILIANTON
Manufacturer : Nulandis (A division of AECI Ltd),
14 Field Road,
LILIANTON

Synonyms : Fungicide.

Emergency telephone number : Griffon Poison information centre: 082 446 8946
Poisons Information Helpline: 0861 555 777
Nulandis: (011) 823 8000 (o/h) Spill Tech: 086 100 0366 (a/h)

2. Composition / information on ingredients

| Substance/Preparation | Preparation
|-----------------------|-------------------
| Chemical name*        | Adjuvants & Inert materials
|                       | Mancozeb tech
| CAS No.               | 8018-01-7
| %                    | 20 80
| Symbol                | Xi
| R-Phrases             | R37 R43, R50/53

* Occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification

Physical/chemical hazards : May cause irritation to respiratory organs
Environmental hazards : May cause long-term adverse effects in the aquatic environment.

4. First-aid measures

First-Aid measures
Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Skin Contact : Wash with soap and water. Get medical attention if irritation develops.
Eye Contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention.

Effects and symptoms
Skin Contact : May cause skin sensitization.

Aggravating conditions : These are not expected if used as recommended. Toxic effects, such as liver or thyroid effects, birth defects and Neurotoxicity, which are observed in animal conducted at doses above anticipated exposure level under normal conditions of manufacture and use, may occur during overexposure situation.

5. Fire-fighting measures

Extinguishing Media
Suitable : Carbon Dioxide (CO2).
Hazardous thermal (de)composition products : Hydrogen sulphide, liquefied or Hydrogen sulphide Carbon disulphide
Special fire-fighting procedures : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
6. Accidental release measures

Personal precautions: Safety glasses. Gloves.
Environmental Precautions and Clean-up Methods: Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution of sodium carbonate.

7. Handling and storage

Handling: Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label.
Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.
Packaging materials: Recommended use: Use original container.

8. Exposure controls/personal protection

Engineering measures: 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.
Hygiene measures: Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Personal protective equipment:
- Respiratory system: Wear appropriate respirator when ventilation is inadequate.
- Skin and body: Lab coat.
- Eyes: Safety glasses.

9. Physical and chemical properties

Physical state: Powder
Color: Yellow
Odor: Musty
Density: 637.6 kg/m³
Solubility: Very slightly soluble in hot water.
Octanol/water partition coefficient: The product is insoluble in water and oil.
Flash point: Insoluble in cold water, methanol, diethyl ether, n-octanol, acetone.
pH: Acidic.

10. Stability and reactivity

Stability: The product is stable.
Hazardous Decomposition Products: Hydrogen sulphide, liquefied or Hydrogen sulphide Carbon disulphide

11. Toxicological information

Local effects:
- Skin irritation: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitizer, permeator), eye contact (irritant), ingestion, inhalation.
- Sensitization: Not considered to be dangerous for humans according to our database.

Acute toxicity:
- Acute oral toxicity (LD50): >5000 mg/kg [Rat].
- Acute dermal toxicity (LD50): >2000 mg/kg [Rat].

Chronic toxicity: Repeated or prolonged exposure is not known to aggravate medical condition.

Specific effects:
- Carcinogenic effects: NO carcinogenic effect.
- Mutagenic effects: Classified None for human [VENTUM 800 WP].
- Teratogenic effects: Classified None. for human [VENTUM 800 WP].
12. Ecological information

Persistence/degradability: Readily biodegradable
Ecotoxicity: May be harmful to aquatic organisms

13. Disposal considerations

Methods of disposal; Waste of residues; Contaminated packaging: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

International transport regulations
UN number: 3077

Land - Road/Railway
Proper shipping name: Fungicide
ADR/RID Class: 9
Packing Group: III
ADR/RID label:

Sea
IMDG Class: 9
Packing Group: III
IMDG label:

Air
UN/ID Number: 3077
IATA-DGR Class: 9
IATA label:

Inland waterways ADNR
Classification UN/NA: 9
(Europe) ADNR: 3077
Packing Group: III
ADNR label:

15. Regulatory information

EU Regulations
Risk Phrases: R37, R43, R50/53

16. Other information

HISTORY
Date of printing:
Date of issue: 2016/04/13
Date of Previous Issue: 2012/03/08
Version: 4.00
Prepared by:

Date of issue: 2016/04/13
Version: 4.00
Notice to Reader
To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of issue 2016/04/13  Version 4.00  Page: 4/4