

# SAFETY DATA SHEET



## Botran® 75WP

Version 2.0

Revision Date 07.04.2016

Document no. 130000029640

This SDS adheres to the standards and regulatory requirements of New Zealand and may not meet the regulatory requirements in other countries.

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** : Botran® 75WP

**Recommended use of the chemical and restriction on use**

Recommended use : Fungicide

**Manufacturer, importer, supplier**

Company : DuPont (New Zealand) Limited  
Street address : Level 1, 14 Ormiston Road, East Tamaki, Auckland 2016  
New Zealand  
Telephone : 0800 658080  
Telefax : (09)-271-2961

**Emergency telephone number** : NZ Poisons Information Centre Ph: 0800 764766  
24-hour Medical Emergency: 0800 111174 Transport Emergency: 0800 387668

### 2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001  
Classified as a Dangerous Good according to NZS 5433

**HSNO Classification:**

6.1D : Acute toxicity (Oral)  
6.4A : Eye irritation  
6.9B : Specific Target Organ Toxicity  
9.1A : Aquatic toxicity (Acute or Chronic)  
9.3C : Ecotoxic to terrestrial vertebrates

Endpoints which are not classified, cannot be classified or are not applicable are not shown.

**Label content**

Pictogram :



Signal word : Warning

Hazardous warnings : Harmful if swallowed.  
Causes serious eye irritation.  
May cause damage to organs through prolonged or repeated exposure.  
Very toxic to aquatic life.

Precautionary statements : Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Get medical advice/ attention if you feel unwell.  
Rinse mouth.  
If eye irritation persists: Get medical advice/ attention.  
Collect spillage.  
Dispose of contents/ container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature** : Mixture

#### Components

Chemical name	CAS-No.	Concentration
Dicloran	99-30-9	75 %
Other Ingredients		25 %

### 4. FIRST AID MEASURES

Contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor if you feel unwell.  
Never give anything by mouth to an unconscious person.

- Inhalation** : Move to fresh air. Artificial respiration and/or oxygen may be necessary. Call a poison control center or doctor for treatment advice.
- Skin contact** : Take off all contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- Eye contact** : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Ingestion** : Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Do not give anything by mouth to an unconscious person.
- Most important symptoms/effects, acute and delayed** : No information available.
- Protection of first-aiders** : No information available.
- Notes to physician** : Treat symptomatically.

### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

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<b>Unsuitable extinguishing media</b>	: High volume water jet, (contamination risk)
<b>Specific hazards</b>	: Hazardous decomposition products formed under fire conditions. Hydrogen chloride  Nitrogen oxides (NOx)
<b>Special protective equipment for firefighters</b>	: Wear full protective clothing and self-contained breathing apparatus.
<b>Specific extinguishing methods</b>	: No information available.
<b>Further information</b>	: Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray. Under severe dusting conditions, this material may form explosive mixtures in air.
<b>Hazchem Code</b>	: 2Z

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	: Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.
<b>Environmental precautions</b>	: Prevent material from entering sewers, waterways, or low areas.
<b>Methods and materials for containment and cleaning up</b>	: Sweep up and shovel into suitable containers for disposal.
<b>Additional advice</b>	: Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### 7. HANDLING AND STORAGE

#### Handling

Technical measures/Precautions	: Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Avoid contact with skin and eyes. Avoid breathing vapours or mist.
Precautions for safe handling	: Keep away from heat and sources of ignition.

#### Storage

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Suitable storage conditions : Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Keep locked up. Keep away from food, fertilizers and seeds.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

No information available.

**Engineering measures** : Ensure adequate ventilation, especially in confined areas. Keep container tightly closed.

**Biological occupational exposure limits** : No information available.

#### Personal protective equipment

Respiratory protection : Where there is potential for airborne exposures in excess of applicable limits, wear approved respiratory protection with dust/mist cartridge.

Hand protection : Material: Protective gloves

Eye protection : Wear protective eyewear to prevent contact with this substance.

Skin protection : When mixing or applying wear:  
Gloves, Long sleeved shirt and long pants, Shoes plus socks

**Hygiene measures** : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance (Physical state, form, colour, etc.)

Physical state : solid  
Form : powder  
Colour : yellowish

**Odour** : No information available.

**Odour Threshold** : No information available.

**pH** : No information available.

#### Melting point/freezing point

No information available.

#### Initial boiling point and boiling range

No information available.

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**Flash point** : No information available.

**Evaporation rate** : No information available.

**Flammability (solid, gas)** : No information available.

**Upper/lower flammability or explosive limits**

Upper explosion limit : No information available.

Lower explosion limit : No information available.

**Vapour pressure** : No information available.

**Vapour density** : No information available.

**Density**

No information available.

**Solubility(ies)**

Water solubility : No information available.

**Partition coefficient: n-octanol/water** : No information available.

**Auto-ignition temperature**

No information available.

**Decomposition temperature** : No information available.

**Viscosity**

Viscosity, kinematic : No information available.

**Molecular weight** : No information available.

### 10. STABILITY AND REACTIVITY

**Reactivity** : No information available.

**Chemical stability** : The product is chemically stable under recommended conditions of storage, use and temperature.  
Stable at normal temperatures and storage conditions.

**Possibility of hazardous reactions** : Polymerization will not occur.

**Conditions to avoid** : None reasonably foreseeable.

**Materials to avoid** : None reasonably foreseeable.

**Hazardous decomposition products** : No information available.

### 11. TOXICOLOGICAL INFORMATION

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### **Acute toxicity**

Oral

Botran® 75WP : LD50/Rat: 4,640 mg/kg

Inhalation

Botran® 75WP : LC50/4 h/Rat(dust/mist): > 21.6 mg/l

### **Skin corrosion/irritation**

Botran® 75WP : Species: animals (unspecified species)  
Result: slight irritation

### **Serious eye damage/eye irritation**

Botran® 75WP : Species: animals (unspecified species)  
Result: Eye irritation

### **Respiratory or skin sensitisation**

No information available.

### **Germ cell mutagenicity**

No information available.

### **Carcinogenicity**

No information available.

### **Reproductive toxicity**

No information available.

### **Specific Target Organ Toxicity**

No information available.

### **Aspiration hazard**

No information available.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity effects**

Acute and prolonged toxicity to fish

Botran® 75WP : LC50/96 h/Oncorhynchus mykiss (rainbow trout): 0.56 mg/l  
Active ingredient

Acute toxicity to aquatic invertebrates

Botran® 75WP : EC50/48 h/Daphnia magna (Water flea): 2.07 mg/l  
Active ingredient

### **Persistence and degradability**

No information available.

### **Bioaccumulation**

No information available.

### **Mobility in soil**

No information available.

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### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods** : In accordance with local and national regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.

**Contaminated packaging** : Do not re-use empty containers. Empty containers can be landfilled, when in accordance with the local regulations. Burn in an appropriate incinerator, if circumstances permit. Dispose of this product only by using according to this label.

## 14. TRANSPORT INFORMATION

### NZS 5433

UN number : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Dicloran)  
Class : 9  
Packing group : III

### IMDG

UN number : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Dicloran)  
Class : 9  
Packing group : III  
Marine pollutant : yes

### IATA

UN number : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Dicloran)  
Class : 9  
Packing group : III

**Matters needing attention for transportation** : Marine Pollutants in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code and IATA special provision A197. If the product meets these special provisions, it may be shipped in New Zealand as a non-dangerous goods under provisions in NZS 5433 code which accepts IMDG and IATA classification.

## 15. REGULATORY INFORMATION

HSNO Number : HSR000716

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HSNO Controls : T1, T2, T4, T7  
E1, E2, E4, E5, E6, E7, E8  
I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30  
P1, P3, P13, P15, PG3  
D4, D5, D6, D7, D8  
EM1, EM6, EM7, EM8, EM11, EM13, AH1

ACVM Number: P002584

### 16. OTHER INFORMATION

#### References

SDS Number: 130000029640

#### Revision Date/Version

Date of first preparation : 07.04.2016  
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Significant change from previous version is denoted with a double bar.

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