

Safety data sheet

IT IMAZALIL

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

MAPP: 14166

Revision: 22-06-2009/ HSV

Replaces: 09-09-2008

Product use: Fungicide for the protection against diseases of seed and ware potatoes.

Distributor:

Inter-Trade Aalborg A/S

Halsvej 139

DK-9310 Vodskov

Denmark

Tel:+45 9893 8977 Fax:+45 9825 7710

Emergency telephone number: +45 98 93 89 77

Email: inter@mail.tele.dk

2. Hazards identification

Irritating to the eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

| Einecs no. | CAS No. | Substances | Classification | w/w% |
|------------|------------|---|---------------------------|--------|
| 252-615-0 | 35554-44-0 | 1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole (imazalil, 100 g/l) | Xn;R20/22 Xi;R41 N;R50/53 | 9.26 |
| 231-639-5 | 7664-93-9 | Sulphuric acid | C;R35 | 1-5 |
| 200-338-0 | 57-55-6 | Propane-1,2-diol | - | 1-5 13 |

13) The substance has a national exposure limit.
Please see section 16 for the full text of the R-phrases

4. First aid measures

Inhalation

Seek fresh air. Seek medical advice if symptoms persist.

Ingestion

Wash out mouth thoroughly and drink plenty of water. Seek medical advice if symptoms persist.

Skin

Immediately remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice if symptoms persist.

Eyes

Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

Other information

When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

5. Fire-fighting measures

The product is not directly flammable. Avoid inhalation of vapour and flue gases – seek fresh air.

6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal. Prevent spillage from entering drains and/or surface water.

7. Handling and storage

Handling

See section 8 for information about precautions for use and personal protective equipment.

Storage

Keep out of reach of children. Do not store together with food, drink and animal feeding stuffs. Keep in tightly closed, original packaging. Store frost-free.

8. Exposure controls/ personal protection

Precautions for use

All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work.

Respiratory protection

Preparation: Not required.

Application: Wear respiratory protective equipment with filter A2P2.

Gloves and protective clothing

Preparation/application: Wear protective clothing (coveralls) and protective gloves made of nitrile rubber.

Eye protection

Preparation/application: Wear face protection (faceshield).

Occupational exposure limits

| Ingredients | Exposure limit | Remarks |
|------------------|--|---------|
| Propane-1,2-diol | Total (vapour and particulates): 150 (8h), - (15m) particulates: - (8h), - (15m) ppm Total (vapour and particulates): 474 (8h), - (15m), particulates: 10 (8h), - (15m) mg/m3 | - |

Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

Appearance: Fluid

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions.

11. Toxicological information

Acute

Inhalation

Inhalation of spray mist may cause irritation to the upper airways.

Ingestion

Ingestion may cause discomfort.

Skin contact

May irritate the skin – may cause reddening.

Eye contact

Irritating to eyes. Causes a burning sensation and tearing.

Risk of sensitization

May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.

Long-term effects

None known.

12. Ecological information

Avoid discharge to drain or surface water.

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

This material and its container must be disposed in a safe way. Wash out container thoroughly, empty washings into spray tank, and dispose of safely. Do not re-use container for any purpose.

EWC code: 02 01 08 agrochemical waste containing dangerous substances.

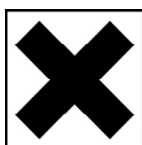
Absorbing solution polluted with the product:

EWC code: 15 02 02 Absorbing solution, filter materials, wiping cloths and protection clothes polluted with dangerous goods.

14. Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

15. Regulatory information



Irritant

Hazard designation: Irritant

Hazard symbols: Xi

Contains

Imazalil (100 g/l)

R-phrases

Irritating to the eyes. (R36)

May cause sensitisation by skin contact. (R43)

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R52/53)

S-phrases

Do not breathe spray. (S23)

Avoid contact with the skin. (S24)

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (S26)

Wear suitable gloves and eye/face protection. (S37/39)

This material and/or its container must be disposed of as hazardous waste. (S60)

Other labelling

To avoid risks to man and the environment, comply with the instructions for use.

Read all other safety precautions and directions for use before use.

Safety data sheet available for professional user on request.

Chemical safety assessment

Chemical safety assessment has not been performed.

16. Other information

Restrictions on use

For use only as an agricultural fungicide.

This product must only be applied by conventional canopied, hydraulic or spinning disc potato spraying equipment mounted over a rolling conveyor.

Training requirement

No special training is required, but a thorough knowledge of this material data safety sheet should be a prerequisite condition.

Line of business

Agriculture

Packaging

1 - 10 litres

Sources used

ADR 2009 edition and IMDG 2008 edition.

SI 2002/1689 The chemicals (Hazard Information and Packaging for Supply) Regulations 2002, last amended by regulation 1907/2006/EC.

Approved Supply List (seventh edition): Information approved for the classification and labelling of substances and preparations dangerous for supply. Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, 29./30./31

EH40/2005 Workplace exposure limits incl. supplement from October 2007.

SI 2005/895 The List of Wastes (England) Regulations 2005

Other information

This safety data sheet was prepared from information provided by the supplier about physical/chemical properties and all ingredients in the product.

Full text of the R-phrases that are stated in section 3.

R20/22 Harmful by inhalation and if swallowed.

R35 Causes severe burns.

R41 Risk of serious damage to eyes.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Amendments have been made in the following sections

1,16