



Safety Data Sheet

Preparation Date 04-Mar-2022

Revision date 21-Aug-2024

Revision Number: 4

1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the product

Product Description Decree® 50 WDG Fungicide

Other means of identification

Internal SDS code 12A-26132

UN/ID no UN3077

Registration number(s) PMRA 26132

Recommended use of the chemical and restrictions on use

Recommended use Fungicide.

Uses advised against Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet

Supplier Address

UPL Agrosolutions Canada Inc .
PO Box 12219
Research Triangle Park, NC,
27709

Emergency telephone number

Company Phone Number 1-800-438-6071

Emergency telephone number Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
Medical: Rocky Mountain Poison and Drug Safety (866) 673-6671 (24hrs)

2. Hazards Identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Specific target organ toxicity (repeated exposure)

Category 2

Label elements

EMERGENCY OVERVIEW

WARNING

Hazard Statements

May cause damage to organs through prolonged or repeated exposure



Appearance Granule/Powder

Physical state solid

Odor faint

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Avoid release to the environment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)**OTHER INFORMATION**

- Harmful to aquatic life

3. Composition/information on Ingredients

| Chemical name | CAS No | Weight-% |
|---------------|-------------|----------|
| Fenhexamid | 126833-17-8 | 50 |

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. First aid measures**FIRST AID MEASURES**

| | |
|---------------------|---|
| Eye contact | Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| Skin contact | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use. |
| Inhalation | Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Seek immediate medical attention/advice. |
| Ingestion | Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. |

Most Important Symptoms and Effects, Both Acute and Delayed

| | |
|--|--|
| Most Important Symptoms and Effects | May cause damage to organs through prolonged or repeated exposure. |
|--|--|

Indication of Any Immediate Medical Attention and Special Treatment Needed

| | |
|---------------------------|------------------------|
| Notes to physician | Treat symptomatically. |
|---------------------------|------------------------|

5. Fire-fighting measures**Suitable extinguishing media**

Carbon dioxide (CO₂). Water spray. Dry chemical.

Unsuitable extinguishing media None.

Specific hazards arising from the chemical

No information available.

Explosion data**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with skin and eyes. Use personal protective equipment. Provide adequate ventilation. Remove all sources of ignition.

Environmental Precautions

Environmental precautions Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Do not let spilled or leaking material enter waterways. Do not empty into drains or water courses. Do not allow to enter into soil/subsoil.

Methods and material for containment and cleaning up

Methods for Clean-Up Take up mechanically and collect in suitable container for disposal.

7. Handling and Storage

Precautions for safe handling

Handling Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place. Protect from moisture.

incompatible materials OXIDIZERS.

8. Exposure Controls/Personal Protection

Exposure guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering controls Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Personal protective equipment

Eye/Face Protection

Skin protection

Respiratory protection

Where there is potential for eye contact have eye flushing equipment available. Use eye protection to avoid eye contact. Goggles. If splashes are likely to occur, wear: Face-shield. Long sleeved clothing. Chemical resistant footwear plus socks. Chemical resistant gloves. Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | | | |
|--|--------------------------|-----------------------|----------|
| Appearance | Granule/Powder | | |
| Physical state | solid | | |
| Odor | faint | | |
| color | Tan | | |
| Property | VALUES | Remarks/ Method | |
| pH | 8.3 | (1% aq) | |
| Melting point/freezing point | 153 °C | None known | |
| Boiling Point/Range | | None known | |
| Flash Point | No information available | None known | |
| Evaporation Rate | | None known | |
| Flammability (solid, gas) | | None known | |
| Vapor pressure | Pa @ 20 C | Vapor pressure | 0.000004 |
| Specific gravity | | None known | |
| Bulk density | | None known | |
| Water solubility | | None known | |
| Solubility in Other Solvents | No information available | None known | |
| Partition coefficient: n-octanol/water | | None known | |
| Autoignition temperature | 295 °C | None known | |
| Decomposition temperature | | None known | |
| Viscosity | | None known | |

9.2 OTHER INFORMATION- NONE

10. Stability and Reactivity

Reactivity

no data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Ignitions sources - heat, sparks and open flames.

Incompatible materials

OXIDIZERS.

Hazardous decomposition products

None known.

11. Toxicological Information

Information on Likely Routes of Exposure

| | |
|---------------------|---|
| Product information | Decree 50 WDG Acute oral LD50 (rat) >2000 mg/kg Acute dermal LD50 (rat) >2000 mg/kg |
| Inhalation | Not classified. |
| Eye contact | Not classified. |

| | |
|---------------------|-----------------|
| Skin contact | Not classified. |
| Ingestion | Not classified. |

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|---|
| Sensitization | No information available. |
| Mutagenic effects | no data available. |
| Carcinogenicity | The information below indicates whether any agency has listed any ingredient as a carcinogen. |
| Reproductive effects | Not Available. |
| STOT - Single Exposure | no data available. |
| STOT - Repeated Exposure | no data available. |
| Aspiration hazard | No information available. |

Numerical Measures of Toxicity - See above**12. Ecological Information****ecotoxicity**

Fenhexamid
FISH LC50 96 hr = 1.34 mg/L
DAPHNIA EC50 48 hr = >18.8 mg/L

Persistence/Degradability

no data available.

Bioaccumulation/ Accumulation

log Pow.

Other Adverse Effects

no data available

13. Disposal Considerations**Waste Treatment Methods**

| | |
|-------------------------------|--|
| Waste Disposal Method | Pesticide wastes can be hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. |
| Contaminated packaging | Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by other procedures approved by State and local authorities. |

14. Transport Information**DOT**

When shipped domestically by highway in non-bulk containers this product can be shipped as not regulated.
When shipped in bulk the following description must be used:

| | |
|-----------------------------|---|
| UN/ID no | UN3077 |
| Proper shipping name | Environmentally hazardous substances, solid, n.o.s (Fenhexamid) |
| Hazard class | 9 |
| Packing group | PG III |

TDG When shipped in Canada domestic highway non-bulk this product can be shipped as Not regulated as per TDG 1.45.1
In bulk, by vessel or internationally - use IMDG description

IATA Single or inner packagings less than 5L (liquid) or 5kg net (solids) are excepted from the Dangerous Goods regulations (IATA Special provision A197)

| | |
|-----------------------------|---|
| UN/ID no | UN3077 |
| Proper shipping name | Environmentally hazardous substances, solid, n.o.s (Fenhexamid) |
| Hazard class | 9 |
| Packing group | PG III |
| Description | Marine pollutant |

IMDG Single or inner packaging less than 5L (liquid) or 5 kg net (solids) are excepted from the Dangerous Goods regulations (IMDG 2.10.2.7)

| | |
|------------------------------|---|
| UN/ID no | UN3077 |
| Proper shipping name | Environmentally hazardous substances, solid, n.o.s (Fenhexamid) |
| Hazard class | 9 |
| Packing group | PG III |
| Environmental hazards | Marine pollutant |

15. Regulatory Information

This chemical/product is a pesticide product registered by the PMRA and is subject to specific label requirements under these regulations. The requirements may differ classification and hazard information required for safety data sheets and for labels of non-pesticide products. The following is information as required on the registered product label.

signal word CAUTION

Toxic to fish and aquatic organisms.

International Inventories

| | |
|----------------|-------------|
| USINV | Not present |
| DSL/NDL | Not present |
| EINECS/ | Not Present |
| ELINCS | |
| ENCS | Not Present |
| China | Not Present |
| KECL | Not Present |
| PICCS | Not Present |
| AICS | Not Present |
| TSCA | Not Present |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CERCLA

Not applicable

CERCLA**RCRA****Pesticide Information**

| Component | FIFRA - Restricted Use | FIFRA - Pesticide Product Other Ingredients | FIFRA - Listing of Pesticide Chemicals | California Pesticides - Restricted Materials |
|----------------------------------|------------------------|---|--|--|
| Fenhexamid 126833-17-8 (50) | | | X | |

State Regulations**State Right-to-Know****International regulations****U.S. EPA Label information**

EPA Pesticide registration number PMRA 26132

16. Other Information**NFPA****HEALTH 1****flammability 0****Instability 0****Physical hazard -****Preparation Date**

04-Mar-2022

Revision date

21-Aug-2024

Revision Summary

Update section 14

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End of SDS