# SAFETY DATA SHEET

# Gulliver® herbicide

| Version | Revision Date: | SDS Number: | Date of last issue: - |
|---|---|---|---|
| 1.1 | 06.02.2023 | 50000058 | Date of first issue: 03.01.2018 |

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Gulliver® herbicide

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

Recommended use : Herbicide

Restrictions on use : Use as recommended by the label.

**Manufacturer or supplier's details**

Company : FMC Australasia Pty Ltd

Address : Building B, Level 2, 12 Julius Avenue,
North Ryde NSW 2113
Australia

Telephone : +6161029887900

Telefax : +61610298870911

E-mail address : SDS-Info@fmc.com

Emergency telephone number : For leak, fire, spill or accident emergencies, call:
1800 033 111 (Ixom)

Medical emergency:
1 800 033 111 (Transport and 24 h Medical information)

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

**Other hazards which do not result in classification**

Very toxic to aquatic life with long lasting effects.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|---|---|

| | | |
|---|---|---|
| azimsulfuron (ISO) | 120162-55-2 | 50 |
| Talc (Mg3H2(SiO3)4) | 14807-96-6 | >= 30 -< 60 |
| sucrose | 57-50-1 | < 10 |

## SECTION 4. FIRST AID MEASURES

| | | |
|---|---|---|
| General advice | : | Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended. |
| If inhaled | : | Consult a physician after significant exposure.<br>If unconscious, place in recovery position and seek medical advice. |
| In case of skin contact | : | Take off all contaminated clothing immediately.<br>Wash off immediately with soap and plenty of water.<br>Get medical attention if irritation develops and persists. |
| In case of eye contact | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |
| Most important symptoms and effects, both acute and delayed | : | None known. |
| Notes to physician | : | Treat symptomatically. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Carbon dioxide (CO2)<br>Dry chemical<br>Water spray<br>Foam |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during fire-fighting | : | Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products | : | Carbon oxides<br>Sulphur oxides |
| Specific extinguishing methods | : | 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.

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |
| Hazchem Code | : | 2Z |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid dust formation.<br>Avoid breathing dust.<br>Ensure adequate ventilation.<br>Never return spills in original containers for re-use.<br>Mark the contaminated area with signs and prevent access to unauthorized personnel.<br>Only qualified personnel equipped with suitable protective equipment may intervene.<br>For disposal considerations see section 13. |
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Keep in suitable, closed containers for disposal. |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Avoid dust formation.<br>Provide appropriate exhaust ventilation at places where dust is formed. |
| Advice on safe handling | : | Avoid formation of respirable particles.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Dispose of rinse water in accordance with local and national regulations. |
| Hygiene measures | : | When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday. |
| Conditions for safe storage | : | Keep container tightly closed in a dry and well-ventilated place.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>Electrical installations / working materials must comply with the technological safety standards. |

Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| Talc (Mg3H2(SiO3)4) | 14807-96-6 | TWA | 2.5 mg/m3 | AU OEL |
| | | TWA | 0.1 fibres per cubic centimeter | ACGIH |
| | | TWA (Respirable particulate matter) | 2 mg/m3 | ACGIH |
| sucrose | 57-50-1 | TWA | 10 mg/m3 | AU OEL |
| | Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica | | | |
| | | TWA | 10 mg/m3 | ACGIH |

**Personal protective equipment**

Respiratory protection : In case of dust exposure wear suitable personal respiratory protection and protective suit.

Hand protection
Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Always have on hand a first-aid kit, together with proper instructions.
Plan first aid action before beginning work with this product.
Wear suitable protective equipment.
Ensure that eye flushing systems and safety showers are located close to the working place.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : granules

Colour : off-white, light tan

| | | |
|---|---|---|
| Odour | : | Faint odour |
| pH | : | 5.7 |
| Flash point | : | Not applicable |
| Self-ignition | : | not auto-flammable |
| Bulk density | : | No data available |
| Solubility(ies) | | |
| Water solubility | : | dispersible |
| Auto-ignition temperature | : | No data available |
| Viscosity | | |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | The product is not oxidizing. |
| Particle size | : | No data available |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No decomposition if stored and applied as directed. |
| Chemical stability | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | No decomposition if stored and applied as directed. |
| Conditions to avoid | : | Heat, flames and sparks. |
| Incompatible materials | : | Strong oxidizing agents<br>Strong acids and strong bases |
| Hazardous decomposition products | : | No decomposition if stored and applied as directed. |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Not classified based on available information.

**Product:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 5,000 mg/kg<br>Method: OECD Test Guideline 401<br>Remarks: (Data on the product itself)<br>Information source: Internal study report |

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 402
Remarks: (Data on the product itself)
Information source: Internal study report

**Components:**

**azimsulfuron (ISO):**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes
Remarks: Information source: Internal study report

Acute inhalation toxicity : LC50 (Rat): > 5.94 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
GLP: yes
Remarks: Information source: Internal study report

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Remarks: Information source: Internal study report

**Talc (Mg3H2(SiO3)4):**

Acute oral toxicity : LD0 (Rat, male): > 5,000 mg/kg
Method: OECD Test Guideline 423
Remarks: no mortality

Acute inhalation toxicity : LC0 (Rat, male and female): > 2.1 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Remarks: no mortality

Acute dermal toxicity : LD0 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
Remarks: no mortality

**sucrose:**

Acute oral toxicity : LD50 (Rat): 29,700 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
Remarks : (Data on the product itself)

Information source: Internal study report

**Components:**

**azimsulfuron (ISO):**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Method | : | OECD Test Guideline 404 |
| Result | : | No skin irritation |
| GLP | : | yes |
| Remarks | : | Information source: Internal study report |

**Talc (Mg3H2(SiO3)4):**

| | | |
|---|---|---|
| Species | : | reconstructed human epidermis (RhE) |
| Result | : | No skin irritation |

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |
| Method | : | OECD Test Guideline 405 |
| Remarks | : | (Data on the product itself)<br>Information source: Internal study report |

**Components:**

**azimsulfuron (ISO):**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |
| Method | : | OECD Test Guideline 405 |
| GLP | : | yes |
| Remarks | : | Information source: Internal study report |

**Talc (Mg3H2(SiO3)4):**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |
| Method | : | OECD Test Guideline 405 |

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Product:**

| | | |
|---|---|---|
| Test Type | : | Maximisation Test |
| Species | : | Guinea pig |
| Method | : | OECD Test Guideline 406 |
| Result | : | Animal test did not cause sensitization by skin contact. |

Remarks : (Data on the product itself)
: Information source: Internal study report

**Components:**

**azimsulfuron (ISO):**

Test Type : Maximisation Test
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Animal test did not cause sensitization by skin contact.
GLP : yes
Remarks : Information source: Internal study report

**Talc (Mg3H2(SiO3)4):**

Test Type : Maximisation Test
Exposure routes : Dermal
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

Exposure routes : Inhalation
Species : Rat
Result : Does not cause respiratory sensitisation.

**Chronic toxicity**

**Germ cell mutagenicity**

Not classified based on available information.

**Components:**

**azimsulfuron (ISO):**

Genotoxicity in vitro : Test Type: reverse mutation assay
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Test Type: reverse mutation assay
Test system: Escherichia coli
Metabolic activation: with and without metabolic activation
Result: negative

Test Type: unscheduled DNA synthesis assay
Test system: rat hepatocytes
Method: OECD Test Guideline 482
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test
Species: mice (male and female)
Application Route: Ingestion
Method: OECD Test Guideline 474
Result: negative

Germ cell mutagenicity - : Animal testing did not show any mutagenic effects.

Assessment

**Talc (Mg3H2(SiO3)4):**

| | | |
|---|---|---|
| Genotoxicity in vitro | : | Test Type: In vitro mammalian cell gene mutation test<br>Result: negative<br><br>Test Type: gene mutation test<br>Method: QSAR<br>Result: negative<br><br>Test Type: reverse mutation assay<br>Result: negative |
| Genotoxicity in vivo | : | Test Type: dominant lethal test<br>Species: Rat (male)<br>Application Route: Oral<br>Result: negative |
| Germ cell mutagenicity - Assessment | : | Weight of evidence does not support classification as a germ cell mutagen. |

**Carcinogenicity**

Not classified based on available information.

**Components:**

**azimsulfuron (ISO):**

| | | |
|---|---|---|
| Species | : | Rat, male and female |
| Application Route | : | Ingestion |
| Exposure time | : | 24 month(s) |
| Method | : | OECD Test Guideline 453 |
| Result | : | negative |
| Carcinogenicity - Assessment | : | Did not show carcinogenic effects in animal experiments. |

**Talc (Mg3H2(SiO3)4):**

| | | |
|---|---|---|
| Species | : | Rat, male and female |
| Application Route | : | Oral |
| Exposure time | : | 101 days |
| Dose | : | 100 mg/kg bw/day |
| NOAEL | : | 100 mg/kg bw/day |
| Method | : | OECD Test Guideline 453 |
| Result | : | negative |
| Target Organs | : | Stomach |
| Tumor Type | : | Leiomyosarcoma |
| Carcinogenicity - Assessment | : | Weight of evidence does not support classification as a carcinogen |

**Reproductive toxicity**

Not classified based on available information.

**Components:**

**azimsulfuron (ISO):**

Effects on fertility : Test Type: Two-generation study
Species: Rat, male and female
Application Route: Ingestion
General Toxicity - Parent: NOEL: 125 ppm
Fertility: NOEL: 8,000 ppm
Method: OECD Test Guideline 416
Result: negative

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
General Toxicity Maternal: NOEL: 200 mg/kg bw/day
Teratogenicity: NOEL: 1,000 mg/kg bw/day
Symptoms: Maternal effects
Method: EPA OPP 83-3
Result: negative

Reproductive toxicity - Assessment : Animal testing did not show any effects on fertility.
Did not show teratogenic effects in animal experiments.

**Talc (Mg3H2(SiO3)4):**

Effects on fertility : Species: Rabbit, female
Application Route: Oral
Dose: 9, 42, 195, 900 mg/kg bw/day
General Toxicity - Parent: NOAEL: > 900 mg/kg body weight
General Toxicity F1: NOAEL: > 900 mg/kg body weight
Result: negative

Effects on foetal development : Test Type: reproductive and developmental toxicity study
Species: Rat
Application Route: Oral
Dose: 0,16,74,350,1600mg/kg bw/day
Duration of Single Treatment: 20 d
General Toxicity Maternal: NOAEL: >= 1,600 mg/kg bw/day
Embryo-foetal toxicity: NOAEL: 1,600 mg/kg bw/day
Result: negative

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

**STOT - single exposure**

Not classified based on available information.

**Components:**

**azimsulfuron (ISO):**

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

**Talc (Mg3H2(SiO3)4):**

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

**STOT - repeated exposure**

Not classified based on available information.

**Components:**

**azimsulfuron (ISO):**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Repeated dose toxicity**

**Components:**

**azimsulfuron (ISO):**

| | | |
|---|---|---|
| Species | : | Rat, male |
| NOAEL | : | 75.3 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 90 d |
| Method | : | OECD Test Guideline 408 |
| GLP | : | yes |

| | | |
|---|---|---|
| Species | : | Rat, female |
| NOAEL | : | 82.4 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 90 d |
| Method | : | OECD Test Guideline 408 |
| GLP | : | yes |

**Talc (Mg3H2(SiO3)4):**

| | | |
|---|---|---|
| Species | : | Rat, male and female |
| NOAEL | : | 100 mg/kg |
| Application Route | : | Oral - feed |
| Exposure time | : | 101 d |
| Dose | : | 100 mg/kg bw/day |

| | | |
|---|---|---|
| Species | : | Rat, male and female |
| NOAEL | : | 2 mg/m3 |
| LOAEL | : | 6 mg/m3 |
| Application Route | : | inhalation (dust/mist/fume) |
| Test atmosphere | : | dust/mist |
| Exposure time | : | 20 d |
| Dose | : | 0, 2, 6, 18 mg/m³ |

**Aspiration toxicity**

Not classified based on available information.

**Components:**

**azimsulfuron (ISO):**

The substance does not have properties associated with aspiration hazard potential.

**Further information**

**Product:**

Remarks : No data available

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Product:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 492 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: (Data on the product itself)
Information source: Internal study report

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
Remarks: (Data on the product itself)
Information source: Internal study report

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 0.188 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: (Data on the product itself)
Information source: Internal study report

EbC50 (Pseudokirchneriella subcapitata (green algae)): 0.015 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: (Data on the product itself)
Information source: Internal study report

**Components:**

**azimsulfuron (ISO):**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 154 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes
Remarks: Information source: Internal study report

LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1,000 mg/l

Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes
Remarks: Information source: Internal study report

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 600 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes
Remarks: Information source: Internal study report

Toxicity to algae/aquatic plants : EbC50 (Pseudokirchneriella subcapitata (green algae)): 0.012 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Information source: Internal study report

ErC50 (Pseudokirchneriella subcapitata (green algae)): 0.099 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Information source: Internal study report

EC50 (Lemna gibba (duckweed)): 0.93 mg/l
End point: Frond
Exposure time: 14 d
Method: US EPA Test Guideline OPP 122-2 & 123-2
GLP: yes
Remarks: Information source: Internal study report

Toxicity to fish (Chronic toxicity) : NOEC (Oncorhynchus mykiss (rainbow trout)): 23 mg/l
Exposure time: 28 d
Test Type: flow-through test
Method: OECD Test Guideline 204
GLP: yes
Remarks: Information source: Internal study report

NOEC (Oncorhynchus mykiss (rainbow trout)): 6.3 mg/l
Exposure time: 90 d
Method: OECD Test Guideline 210
GLP: yes
Remarks: Information source: Internal study report

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 5.4 mg/l
Exposure time: 21 d
Method: OECD Test Guideline 202
GLP: yes
Remarks: Information source: Internal study report

Toxicity to soil dwelling organisms : LC50 (Eisenia fetida (earthworms)): > 1,000 mg/kg
Method: OECD Test Guideline 207

GLP: yes
Remarks: Information source: Internal study report

Toxicity to terrestrial organisms : LD50 (Colinus virginianus (Bobwhite quail)): > 2,250 mg/kg
Method: US EPA Test Guideline OPP 71-1
GLP: yes
Remarks: Information source: Internal study report

LC50 (Anas platyrhynchos (Mallard duck)): > 5,620 mg/kg
Exposure time: 8 d
Method: OECD Test Guideline 205
GLP: yes
Remarks: Information source: Internal study report

LD50 (Apis mellifera (bees)): > 1,000 mg/kg
Method: US EPA Test Guideline OPP 141-1
GLP: yes
Remarks: Dietary, Information source: Internal study report

LD50 (Apis mellifera (bees)): > 0.025 mg/kg
Method: US EPA Test Guideline OPP 141-1
GLP: yes
Remarks: Contact, Information source: Internal study report

**Talc (Mg3H2(SiO3)4):**

Toxicity to fish : LC50 (Fish): 89,581.016 mg/l
Exposure time: 96 h
Method: QSAR

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 36,812.359 mg/l
Exposure time: 48 h
Method: QSAR

Toxicity to algae/aquatic plants : NOEC (green algae): 918.089 mg/l
Exposure time: 30 d
Method: QSAR

EC50 (green algae): 7,202.7 mg/l
Exposure time: 96 h
Method: QSAR

Toxicity to fish (Chronic toxicity) : NOEC (Fish): 1,412.648 mg/l
Exposure time: 30 d
Method: QSAR

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia (water flea)): 1,459.798 mg/l
Exposure time: 30 d
Method: QSAR

**sucrose:**

Toxicity to fish : Remarks: No data available

**Persistence and degradability**

**Components:**

**azimsulfuron (ISO):**

Biodegradability : Remarks: According to the results of tests of biodegradability this product is considered as being readily biodegradable.

**sucrose:**

Biodegradability : Remarks: No data available

**Bioaccumulative potential**

**Components:**

**azimsulfuron (ISO):**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: -1.36

**Talc (Mg3H2(SiO3)4):**

Bioaccumulation : Bioconcentration factor (BCF): 3.16
Method: QSAR

Partition coefficient: n-octanol/water : log Pow: -9.4 (25 °C)
pH: 7
Method: QSAR

**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

**UNRTDG**

| | | |
|---|---|---|
| UN number | : | UN 3077 |
| Proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Azimsulfuron) |
| Class | : | 9 |
| Subsidiary risk | : | ENVIRONM. |
| Packing group | : | III |
| Labels | : | 9 (ENVIRONM.) |

**IATA-DGR**

| | | |
|---|---|---|
| UN/ID No. | : | UN 3077 |
| Proper shipping name | : | Environmentally hazardous substance, solid, n.o.s. (Azimsulfuron) |
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | Miscellaneous |
| Packing instruction (cargo aircraft) | : | 956 |
| Packing instruction (passenger aircraft) | : | 956 |
| Environmentally hazardous | : | yes |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | UN 3077 |
| Proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Azimsulfuron) |
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | 9 |
| EmS Code | : | F-A, S-F |
| Marine pollutant | : | yes |
| Remarks | : | Environmentally hazardous substances/Marine Pollutants in single or combination packaging containing a net quantity per single or inner packaging of 5 kg or less for solids, or having a net quantity per single or inner packaging of 5 L or less for liquids may be transported as non-dangerous goods as provided in special provision A197 of the IATA and section 2.10.2.7 of IMDG code. |

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

**ADG**

| | | |
|---|---|---|
| UN number | : | UN 3077 |
| Proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |

(Azimsulfuron)

| | | |
|---|---|---|
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | 9 |
| Hazchem Code | : | 2Z |
| Remarks | : | Environmentally hazardous substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the ADG Code when transported by road or rail in packagings that do not incorporate a receptacle exceeding 500 kg / liters, or IBCs |

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | | |
|---|---|---|
| Standard for the Uniform Scheduling of Medicines and Poisons | : | No poison schedule number allocated |

APVMA Number: 56017

| | | |
|---|---|---|
| Prohibition/Licensing Requirements | : | There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations. |

**The components of this product are reported in the following inventories:**

| | | |
|---|---|---|
| TCSI | : | Not in compliance with the inventory |
| TSCA | : | Product contains substance(s) not listed on TSCA inventory. |
| AIIC | : | Not in compliance with the inventory |
| DSL | : | This product contains the following components that are not on the Canadian DSL nor NDSL.<br><br>1-(4,6-DIMETHOXYPYRIMIDIN-2-YL)-3-[1-METHYL-4-(2-METHYL-2H-TETRAZOL-5-YL)-1H-PYRAZOL-5-YLSULFONYL]UREA<br>Chlorite-group minerals<br>dolomite |

| | | |
|---|---|---|
| ENCS | : | Not in compliance with the inventory |
| ISHL | : | Not in compliance with the inventory |
| KECI | : | On the inventory, or in compliance with the inventory |
| PICCS | : | Not in compliance with the inventory |
| IECSC | : | Not in compliance with the inventory |
| NZIoC | : | Not in compliance with the inventory |
| TECI | : | Not in compliance with the inventory |

## SECTION 16. OTHER INFORMATION

| | | |
|---|---|---|
| Revision Date | : | 06.02.2023 |
| Date format | : | dd.mm.yyyy |

**Full text of other abbreviations**

| | | |
|---|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| AU OEL | : | Australia. Workplace Exposure Standards for Airborne Contaminants. |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| AU OEL / TWA | : | Exposure standard - time weighted average |

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Trans-

portation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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