DRAGNET DUST INSECTICIDAL POWDER



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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name DRAGNET DUST INSECTICIDAL POWDER

Recommended use of the chemical and restrictions on use

Recommended use : Can be used as insecticide only.

Restrictions on use Use as recommended by the label.

Manufacturer or supplier's details

Company : FMC Australasia Pty Ltd

Address Building B, Suite G.01, 12 Julius Avenue

North Ryde NSW 2113

Australia

Telephone : 1800 066 355

Telefax (02) 9923 6011

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

Acute toxicity (Oral) Category 4

Acute toxicity (Inhalation) Category 4

Serious eye damage/eye irri-

tation

Category 2B

Skin sensitisation Sub-category 1A

Carcinogenicity Category 1A

Specific target organ toxicity - : Category 2 (Lungs)

repeated exposure

(Inhalation)

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GHS label elements

Hazard pictograms





Signal word : Danger

Hazard statements : H302 + H332 Harmful if swallowed or if inhaled.

H317 May cause an allergic skin reaction.

H320 Causes eye irritation. H350 May cause cancer.

H373 May cause damage to organs (Lungs) through prolonged

or repeated exposure if inhaled.

Precautionary statements :

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of

the workplace.

P280 Wear protective gloves/ protective clothing/ eye protec-

tion/ face protection/ hearing protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON

CENTER/ doctor if you feel unwell. Rinse mouth.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/

doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/

attention.

P333 + P313 If skin irritation or rash occurs: Get medical ad-

vice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ at-

tention.

P362 + P364 Take off contaminated clothing and wash it before

reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste

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disposal plant.

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)	
permethrin (ISO)	52645-53-1	>= 10 -< 30	
Quartz (SiO2)	14808-60-7	>= 1 -< 10	
sodium 2-[methyloleoylamino]ethane-1-sulphonate	137-20-2	< 10	

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Induce vomiting immediately and call a physician.

Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms and effects, both acute and

delayed

Harmful if swallowed or if inhaled.

May cause an allergic skin reaction.

Causes eye irritation. May cause cancer.

May cause damage to organs through prolonged or repeated

exposure if inhaled.

Notes to physician : Treat symptomatically.

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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Dry chemical, CO2, water spray or regular 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 prod-

ucts

Hazardous combustion products

Carbon oxides

Halogenated compounds

Sulphur oxides

Specific extinguishing meth-

ods

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

Firefighters should wear protective clothing and self-contained

breathing apparatus.

Hazchem Code : 2Z

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec: :

tive equipment and emer-

gency procedures

Evacuate personnel to safe areas.

Do not touch or walk through the spilled material.

If it can be safely done, stop the leak.

Ensure adequate ventilation.

Use personal protective equipment.

Avoid dust formation. Avoid breathing dust.

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for containment and cleaning up

: Kee

Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling : Avoid formation of respirable particles.

Do not breathe vapours/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes.





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For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Dispose of rinse water in accordance with local and national

regulations.

Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

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

Containers which are opened must be carefully resealed and

kept upright to prevent leakage. Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age stability

Keep in a dry place.

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
Quartz (SiO2)	14808-60-7		0.05 mg/m3 ation: Category 1A (Category 1A (

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust

ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Particulates type

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





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with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Skin and body protection : Dust impervious protective suit

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Powder

Colour : white

Odour : odourless

pH : 8-9

Melting point/freezing point : not determined

Boiling point/boiling range : not determined

Flash point : Not applicable

Self-ignition : not determined

Density : 30 - 35 lb/scf

Solubility(ies)

Water solubility : dispersible

Partition coefficient: n-

octanol/water

Not applicable

Viscosity

Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : Non-oxidizing

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

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Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

No decomposition if stored and applied as directed.

Dust may form explosive mixture in air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Avoid strong acids, bases, and oxidizers

Hazardous decomposition

products

Stable under recommended storage conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed or if inhaled.

Product:

Acute oral toxicity : LD50 (Rat, male): 1,900 mg/kg

Method: US EPA Test Guideline OPP 81-1

LD50 (Rat, female): 1,100 mg/kg

Method: US EPA Test Guideline OPP 81-1

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.27 mg/l

Exposure time: 1 h

Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg

Method: US EPA Test Guideline OPP 81-2

Components:

permethrin (ISO):

Acute oral toxicity : LD50 (Rat, female): 3,129 mg/kg

Method: OECD Test Guideline 425

Acute inhalation toxicity : LC50 (Rat, male and female): > 2.09 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity

Quartz (SiO2):

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

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Acute inhalation toxicity : LC50 (Rat): > 5.01 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 436

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal

toxicity

Remarks: Based on data from similar materials

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Method: OECD Test Guideline 401

Assessment: The substance or mixture has no acute oral tox-

icity

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Product:

Species : Rabbit

Method : US EPA Test Guideline OPP 81-5

Result : slight irritation

Remarks : May cause skin irritation and/or dermatitis.

Components:

permethrin (ISO):

Species : Rabbit

Method : OECD Test Guideline 404

Result : slight irritation

Quartz (SiO2):

Species : Rabbit

Method : OECD Test Guideline 404

Result : No skin irritation

Remarks : Based on data from similar materials

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Species : Rabbit

Method : OECD Test Guideline 404

Result : No skin irritation





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Serious eye damage/eye irritation

Causes eye irritation.

Product:

Species : Rabbit

Result : Irritation to eyes, reversing within 7 days Method : US EPA Test Guideline OPP 81-4

Remarks : Product dust may be irritating to eyes, skin and respiratory

system.

Components:

permethrin (ISO):

Species : Rabbit Result : slight irritation

Method : OECD Test Guideline 405

Quartz (SiO2):

Species : Rabbit

Result : No eye irritation

Method : OECD Test Guideline 405

Remarks : Based on data from similar materials

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Species : Rabbit

Result : Irritation to eyes, reversing within 7 days

Method : OECD Test Guideline 405

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Product:

Test Type : Maximisation Test Exposure routes : Skin contact Species : Guinea pig

Result : The product is a skin sensitiser, sub-category 1A.

Remarks : Causes sensitisation.

Components:

permethrin (ISO):

Test Type : Buehler Test Exposure routes : Skin contact





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Species : Guinea pig

Method : OECD Test Guideline 406
Result : Not a skin sensitizer.

Quartz (SiO2):

Test Type : Local lymph node assay (LLNA)

Species : Mouse

Method : OECD Test Guideline 429

Result : Does not cause skin sensitisation.
Remarks : Based on data from similar materials

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Test Type : Maximisation Test

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : negative

Chronic toxicity

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Components:

permethrin (ISO):

Genotoxicity in vitro : Test Type: Ames test

Result: negative

Test Type: Mouse lymphoma assay

Result: negative

Genotoxicity in vivo : Test Type: dominant lethal test

Species: Mouse (male)

Result: negative

Test Type: Sex-linked Recessive Lethal Test Species: Drosophila melanogaster (vinegar fly)

Result: negative

Quartz (SiO2):

Genotoxicity in vitro : Test Type: reverse mutation assay

Result: negative

Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Micronucleus test

Species: Rat

Method: OECD Test Guideline 474

Result: negative

Remarks: Based on data from similar materials

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sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro

Method: OECD Test Guideline 473

Result: negative

Test Type: Ames test

Method: OECD Test Guideline 471

Result: negative

Genotoxicity in vivo : Remarks: No data available

Carcinogenicity

May cause cancer.

Components:

permethrin (ISO):

Species : Rat
Application Route : Oral
Exposure time : 2 Years
Result : negative

Species: MouseApplication Route: OralExposure time: 2 YearsResult: negative

Quartz (SiO2):

Carcinogenicity - Assess-

ment

Human carcinogen.

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Remarks : This information is not available.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Components:

permethrin (ISO):

Effects on fertility : Test Type: Three-generation study

Species: Rat, male and female

Application Route: Oral

Result: negative

Effects on foetal develop-

ment

Test Type: Embryo-foetal development

Species: Rabbit

Application Route: Oral

Symptoms: No maternal effects

Result: negative

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sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Effects on fertility : Test Type: Fertility

Species: Rat, male and female

General Toxicity - Parent: NOAEL: 1,000 mg/kg body weight

Method: OECD Test Guideline 421

Remarks: No data available

Effects on foetal develop-

ment

Test Type: Pre-natal

Species: Rat

Application Route: Oral

General Toxicity Maternal: NOAEL: 1,000 mg/kg body weight Embryo-foetal toxicity: NOAEL: 1,000 mg/kg body weight

Method: OECD Test Guideline 414

Reproductive toxicity - As-

sessment

No evidence of adverse effects on sexual function and fertility,

or on development, based on animal experiments.

STOT - single exposure

Based on available data, the classification criteria are not met.

STOT - repeated exposure

May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Components:

permethrin (ISO):

Assessment : The substance or mixture is not classified as specific target

organ toxicant, repeated exposure.

Quartz (SiO2):

Exposure routes : Inhalation Target Organs : Lungs

Assessment : The substance or mixture is classified as specific target organ

toxicant, repeated exposure, category 1.

Exposure routes : Inhalation

Target Organs : Immune system, Kidney

Assessment : The substance or mixture is classified as specific target organ

toxicant, repeated exposure, category 2.

Repeated dose toxicity

Components:

permethrin (ISO):

Species : Rat

NOAEL : 270 mg/kg

Application Route : Oral - feed

Exposure time : 90 days

Symptoms : No adverse effects

Species : Rat NOAEL : 20 mg/kg





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Application Route : Oral - feed Exposure time : 90 days Symptoms : Liver effects

Species : Dog

Application Route : Oral - feed Exposure time : 13 weeks

Symptoms : No adverse effects

Quartz (SiO2):

Species : Rat

LOAEC : 0.0025 mg/l
Application Route : Inhalation
Exposure time : 90 day

Method : OECD Test Guideline 413

Target Organs : Lungs

Remarks : Based on data from similar materials

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Species : Rat

NOAEL : 1,000 mg/kg

Application Route : Oral Exposure time : 28 d

Method : OECD Test Guideline 407

Aspiration toxicity

Based on available data, the classification criteria are not met.

Components:

permethrin (ISO):

No data available

Neurological effects

Components:

permethrin (ISO):

No neurotoxicity observed in animal studies

Further information

Product:

Remarks : No data available





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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

permethrin (ISO):

Toxicity to fish LC50 (Fish): 5.3 mg/l

Exposure time: 96 h

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Crustaceans): 0.001 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic

plants

EC50 (algae): 0.0125 mg/l

Exposure time: 72 h

NOEC (algae): 0.9 µg/l Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

NOEC (Fish): 0.3 µg/l

Exposure time: 21 d

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

ic toxicity)

NOEC (Crustaceans): 0.039 µg/l

Exposure time: 21 d

Quartz (SiO2):

LC50 (Cyprinus carpio (Carp)): > 10,000 mg/l Toxicity to fish

Exposure time: 72 h

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Toxicity to fish LC50 (Danio rerio (zebra fish)): 1.32 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 5.76 mg/l

NOEC (Daphnia magna (Water flea)): 2 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae/aquatic

plants

EC50 (Desmodesmus subspicatus (green algae)): 117 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

Exposure time: 21 d

ic toxicity)

Method: OECD Test Guideline 211

EC50 (activated sludge): > 1,000 mg/l Toxicity to microorganisms

Method: OECD Test Guideline 209

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Persistence and degradability

Components:

permethrin (ISO):

Biodegradability : Result: Not readily biodegradable.

Quartz (SiO2):

Biodegradability : Result: Not biodegradable

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Biodegradability : Result: Readily biodegradable.

Biodegradation: 80 % Exposure time: 28 d

Method: OECD Test Guideline 301B

Bioaccumulative potential

Components:

permethrin (ISO):

Bioaccumulation : Remarks: The product may be accumulated in organisms.

Partition coefficient: n-

octanol/water

Remarks: No data available

Quartz (SiO2):

Bioaccumulation : Remarks: Does not bioaccumulate.

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Bioaccumulation : Species: Fish

Bioconcentration factor (BCF): 2.9 Remarks: Bioaccumulation is unlikely.

Partition coefficient: n- : log Pow: 1.36

octanol/water Method: OECD Test Guideline 117

Remarks: Not applicable

Mobility in soil

Components:

permethrin (ISO):

Distribution among environ-

mental compartments

: Remarks: immobile

sodium 2-[methyloleoylamino]ethane-1-sulphonate:

Distribution among environ-

mental compartments

Koc: 53.4 ml/g, log Koc: 1.72 Remarks: Highly mobile in soils





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Other adverse effects

Product:

Additional ecological infor-

mation

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 chemi-

cal 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.

(Permethrin)

Class : 9

Subsidiary risk : ENVIRONM.

Packing group : III

Labels : 9 (ENVIRONM.)

Environmentally hazardous : yes

IATA-DGR

UN/ID No. : UN 3077

Proper shipping name : Environmentally hazardous substance, solid, n.o.s.

(Permethrin)

Class : 9 Packing group : III

Labels : Miscellaneous

Packing instruction (cargo

aircraft)

Packing instruction (passen-

: 956

956

ger aircraft)

Environmentally hazardous : yes

IMDG-Code

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.





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(Permethrin)

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.

(Permethrin)

Class : 9
Packing group : III
Labels : 9
Hazchem Code : 2Z
Environmentally hazardous : yes

Remarks : Environmentally hazardous substances meeting the descrip-

tions 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

Therapeutic Goods (Poisons:

Standard) Instrument

No poison schedule number allocated (Please use the original publication to check for specific uses, specific conditions or

threshold limits that might apply for this chemical)

APVMA Code: 52336

Prohibition/Licensing Requirements : Quartz (SiO2)

Refer to model WHS Act and Regulations for prohibition, authorisation

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and restricted use.

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

TCSI : On the inventory, or in compliance with the inventory

TSCA : Product contains substance(s) not listed on TSCA inventory.

AIIC : On the inventory, or in compliance with the inventory

DSL : This product contains the following components that are not

on the Canadian DSL nor NDSL.

permethrin (ISO) N-methyltaurine

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : Not in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : Not in compliance with the inventory

NZIoC : Not in compliance with the inventory

TECI: On the inventory, or in compliance with the inventory

SECTION 16: ANY OTHER RELEVANT INFORMATION

Revision Date : 23.09.2024

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 Con-

taminants.

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





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- 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 - Transportation 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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