SAFETY DATA SHEET

RICOCHET HERBICIDE

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	31.01.2022	50001570	Date of first issue: 31.01.2022

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : RICOCHET HERBICIDE

Other means of identification : 2,4-D ACID + PICLORAM 300/75 G/L SL

Recommended use of the chemical and restrictions on use

Recommended use : Can be used as herbicide only.

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

Telephone : +6161029887900

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

Serious eye damage/eye irritation : Category 1

Skin sensitisation : Category 1

Specific target organ toxicity - single exposure : Category 3 (Respiratory system)

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary statements :

Prevention:

P261 Avoid breathing mist or vapours.
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/ eye protection/ face protection.

Response:

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 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
1,1',1''-nitrilotripropan-2-ol	122-20-3	>= 30 -< 60
2,4-D (ISO)	94-75-7	>= 20 -< 30
4-amino-3,5,6-trichloropyridine-2-carboxylic acid	1918-02-1	< 10
edetic acid	60-00-4	< 10

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.

		Consult a physician. 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 on skin, rinse well with water.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do NOT induce vomiting. 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	:	May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.
Protection of first-aiders	:	Avoid inhalation, ingestion and contact with skin and eyes.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Dry chemical Foam Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	Nitrogen oxides (NOx) Carbon 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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
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	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. To avoid spills during handling keep bottle on a metal tray. 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 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
2,4-D (ISO)	94-75-7	TWA	10 mg/m3	AU OEL
	Further information: Sensitiser			
		TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
4-amino-3,5,6-trichloropyridine-2-carboxylic acid	1918-02-1	TWA	10 mg/m3	AU OEL
		TWA	10 mg/m3	ACGIH

Personal protective equipment

Respiratory protection : In case of mist, spray or aerosol 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
Wear face-shield and protective suit for abnormal processing problems.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : brown

Odour : amine-like

pH : No data available

Melting point/freezing point	:	< 0 °C
Boiling point/boiling range	:	ca. 100 °C
Flash point	:	does not flash
Self-ignition	:	No data available
Vapour pressure	:	2.37 kPa (20 °C)
Solubility(ies) Water solubility	: :	 soluble
Partition coefficient: n-octanol/water	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	Non-oxidizing

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	:	Protect from frost, heat and sunlight.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents
Hazardous decomposition products	:	Stable under recommended storage conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method

Components:

1,1',1''-nitrilotripropan-2-ol:

Acute oral toxicity : LD50 (Rat, male and female): 4,000 mg/kg

Acute dermal toxicity : LD50 (Rabbit, female): > 5,000 mg/kg
Method: Fixed Dose Method

2,4-D (ISO):

Acute oral toxicity : LD50 (Rat): > 300 - < 2,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 1.79 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity

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

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Acute oral toxicity : LD50 (Rat): 4,012 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 0.0351 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity

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

edetic acid:

Acute oral toxicity : LD50 (Rat, male and female): 4,500 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LOAEC (Rat): 0.03 mg/l
Exposure time: 6 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 412
Assessment: The component/mixture is moderately toxic after short term inhalation.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : Extremely corrosive and destructive to tissue.

Components:

1,1',1''-nitrilotripropan-2-ol:

Species : Rabbit
Method : OECD Test Guideline 404

Result : No skin irritation

2,4-D (ISO):

Species : Rabbit
Result : No skin irritation

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Species : Rabbit
Result : No skin irritation

edetic acid:

Species : Rabbit
Result : No skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:

1,1',1''-nitrilotripropan-2-ol:

Species : Rabbit
Result : Irreversible effects on the eye
Method : OECD Test Guideline 405

2,4-D (ISO):

Species : Rabbit
Result : Irreversible effects on the eye

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Species : Rabbit
Result : slight irritation

edetic acid:

Species : Rabbit
Result : Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks : Causes sensitisation.

Components:

1,1',1''-nitrilotripropan-2-ol:

Species	:	Guinea pig
Method	:	EPA OPP 81-6
Result	:	Does not cause skin sensitisation.

2,4-D (ISO):

Test Type	:	Local lymph node assay (LLNA)
Species	:	mice
Result	:	Not a skin sensitizer.
	:	May cause sensitisation by skin contact.
Remarks	:	Based on EU Harmonised classification - Annex VI of Regulation (EC) No 1272/2008 (CLP Regulation)

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Test Type	:	Buehler Test
Species	:	Guinea pig
Result	:	Not a skin sensitizer.

edetic acid:

Test Type	:	Maximisation Test
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Does not cause skin sensitisation.
Remarks	:	Based on data from similar materials

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Components:

1,1',1''-nitrilotripropan-2-ol:

Genotoxicity in vitro	:	Test Type: reverse mutation assay Method: OECD Test Guideline 471 Result: negative Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative
Genotoxicity in vivo	:	Test Type: Micronucleus test Species: Mouse (male and female) Application Route: Oral

Method: OECD Test Guideline 474
Result: negative

2,4-D (ISO):

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

edetic acid:

Genotoxicity in vitro : Test Type: reverse mutation assay
Method: OECD Test Guideline 471
Result: negative
Remarks: Based on data from similar materials

Test Type: In vitro mammalian cell gene mutation test
Result: negative
Remarks: Based on data from similar materials

Test Type: Chromosome aberration test in vitro
Result: negative
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Micronucleus test
Species: Mouse (male)
Application Route: Oral
Method: OECD Test Guideline 474
Result: negative
Remarks: Based on data from similar materials

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

Carcinogenicity

Not classified based on available information.

Components:

2,4-D (ISO):

Species : Rat
Application Route : Oral
Exposure time : 2 Years
NOAEL : 5 mg/kg bw/day
Result : negative

Carcinogenicity - Assessment : Animal testing did not show any carcinogenic effects.

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Species : Rat
Exposure time : 2 Years
NOAEL : 60 mg/kg bw/day
Result : negative

edetic acid:

Species	:	Rat, male and female
Application Route	:	Oral
Exposure time	:	103 weeks
Dose	:	248, 495 mg/kg body weight
NOAEL	:	>= 500 mg/kg bw/day
Result	:	negative
Remarks	:	Based on data from similar materials

Species	:	Mouse, male and female
Application Route	:	Oral
Exposure time	:	103 weeks
Dose	:	469, 938 mg/kg body weight
NOAEL	:	938 mg/kg bw/day
Result	:	negative
Remarks	:	Based on data from similar materials

Carcinogenicity - Assessment	:	Weight of evidence does not support classification as a carcinogen

Reproductive toxicity

Not classified based on available information.

Components:

2,4-D (ISO):

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

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Effects on fertility	:	Test Type: Two-generation study Species: Rat General Toxicity - Parent: NOAEL: 200 mg/kg bw/day Fertility: NOAEL: 1,000 mg/kg bw/day Result: negative
Effects on foetal development	:	Test Type: Pre-natal Species: Rat Developmental Toxicity: NOAEL: 560 mg/kg bw/day Symptoms: Maternal effects

edetic acid:

Effects on fertility	:	Test Type: Multi-generation study Species: Rat, male and female Application Route: Oral Dose: 0, 50, 125, 250 milligram per kilogram General Toxicity - Parent: NOAEL: >= 250 mg/kg body weight General Toxicity F1: NOAEL: >= 250 mg/kg body weight General Toxicity F2: NOAEL: >= 250 mg/kg body weight Result: negative Remarks: Based on data from similar materials
Effects on foetal develop-	:	Species: Rat

ment

Application Route: Oral
Dose: 967 milligram per kilogram
Duration of Single Treatment: 21 d
General Toxicity Maternal: LOAEL: >= 967 mg/kg body weight
Teratogenicity: NOAEL: >= 967 mg/kg body weight
Symptoms: Diarrhoea
Result: negative

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

STOT - single exposure

May cause respiratory irritation.

Components:

2,4-D (ISO):

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Components:

edetic acid:

Exposure routes : Inhalation
Target Organs : Respiratory Tract
Assessment : The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Repeated dose toxicity

Components:

2,4-D (ISO):

Species : Rat
NOAEL : 5 mg/kg
Application Route : Oral
Exposure time : 90 days
Remarks : Kidney effects

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Species : Rat
NOAEL : 300 mg/kg
Application Route : Oral
Exposure time : 90 days
Remarks : No significant adverse effects were reported

edetic acid:

Species : Rat, male and female
NOAEL : >= 500 mg/kg
Application Route : Oral
Exposure time : 103 weeks

Dose	:	250, 500 mg/kg bw/day
Remarks	:	Based on data from similar materials
Species	:	Mouse, male and female
NOAEL	:	>= 500 mg/kg
Application Route	:	Oral
Exposure time	:	103 weeks
Dose	:	250, 500 mg/kg bw/day
Remarks	:	Based on data from similar materials
Species	:	Rat, male and female
	:	0.003 mg/l
Application Route	:	inhalation (dust/mist/fume)
Exposure time	:	90d
Dose	:	0.5, 3, 15 mg/m3
Method	:	OECD Test Guideline 413
Remarks	:	Based on data from similar materials

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks	:	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

1,1',1''-nitrilotripropan-2-ol:

Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 3,158.48 mg/l Exposure time: 96 h Method: DIN 38412
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 500 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): 710 mg/l Exposure time: 72 h Method: EU Method C3 EC10 (Desmodesmus subspicatus (green algae)): 9.4 mg/l Exposure time: 72 h Method: EU Method C3
Toxicity to microorganisms	:	EC20 (activated sludge): > 1,995 mg/l Exposure time: 30 min Method: ISO 8192

2,4-D (ISO):

Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 100 mg/l Exposure time: 96 h Test Type: flow-through test
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 134.2 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity)	:	NOEC (Pimephales promelas (fathead minnow)): 63.4 mg/l Exposure time: 32 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 38.4 mg/l Exposure time: 21 d Test Type: semi-static test
Toxicity to soil dwelling organisms	:	LC50 (Eisenia fetida (earthworms)): 350 mg/kg Exposure time: 14 d NOEC (Eisenia fetida (earthworms)): 62.5 g/kg Exposure time: 8 Weeks
Toxicity to terrestrial organisms	:	LD50 (Coturnix japonica (Japanese quail)): 617.3 mg/kg LD50 (Apis mellifera (bees)): > 100 µg/bee End point: Acute contact toxicity LD50 (Apis mellifera (bees)): 94 µg/bee End point: Acute oral toxicity LD50 (Anas platyrhynchos (Mallard duck)): > 5620 mg/kg food Exposure time: 5 d

Ecotoxicology Assessment

Chronic aquatic toxicity	:	Harmful to aquatic life with long lasting effects.

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 8.8 mg/l Exposure time: 96 h LC50 (Lepomis macrochirus (Bluegill sunfish)): 26 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 44.2 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 60.2 mg/l Exposure time: 96 h
Toxicity to daphnia and other	:	NOEC (Daphnia magna (Water flea)): 6.79 mg/l

aquatic invertebrates (Chronic toxicity)		Exposure time: 21 d
Toxicity to terrestrial organisms	:	LC50 (Anas platyrhynchos (Mallard duck)): > 5,000 mg/kg
		LD50 (Apis mellifera (bees)): > 100 µg/bee

edetic acid:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
		NOEC (Pseudokirchneriella subcapitata (algae)): 79.4 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
Toxicity to fish (Chronic toxicity)	:	NOEC (Danio rerio (zebra fish)): 35.1 mg/l Exposure time: 35 d Method: OECD Test Guideline 210 Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 25 mg/l Exposure time: 21 d Test Type: semi-static test Remarks: Based on data from similar materials
Toxicity to microorganisms	:	EC10 (activated sludge): > 500 mg/l Exposure time: 30 min Method: OECD Test Guideline 209 Remarks: Based on data from similar materials
Toxicity to soil dwelling organisms	:	EC50 (Eisenia fetida (earthworms)): 156.46 mg/kg Exposure time: 14 d Method: OECD Test Guideline 207

Persistence and degradability

Components:

1,1',1''-nitrilotripropan-2-ol:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 0 %
Exposure time: 28 d

2,4-D (ISO):

Biodegradability : Result: Readily biodegradable.
Method: OECD Test Guideline 301F

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Biodegradability : Result: Not readily biodegradable.
Method: OECD Test Guideline 301B

Stability in water : Hydrolysis: (> 12 Months)

edetic acid:

Biodegradability : Result: Inherently biodegradable.

Bioaccumulative potential

Components:

1,1',1''-nitrilotripropan-2-ol:

Bioaccumulation : Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): 0.57
Method: OECD Test Guideline 305C

Partition coefficient: n-octanol/water : log Pow: -0.015

edetic acid:

Bioaccumulation : Species: Lepomis macrochirus (Bluegill sunfish)
Bioconcentration factor (BCF): 1.8
Exposure time: 28 d
Remarks: Based on data from similar materials

Partition coefficient: n-octanol/water : log Pow: 0.13

Mobility in soil

Components:

2,4-D (ISO):

Distribution among environmental compartments : Koc: 60
Remarks: Low mobility in soil

Stability in soil :

4-amino-3,5,6-trichloropyridine-2-carboxylic acid:

Distribution among environmental compartments : Remarks: Highly mobile in soils

Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful 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	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable

IATA-DGR

UN/ID No.	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Packing instruction (cargo aircraft)	:	Not applicable
Packing instruction (passenger aircraft)	:	Not applicable

IMDG-Code

UN number	:	Not applicable
Proper shipping name	:	Not applicable

Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
EmS Code	:	Not applicable
Marine pollutant	:	Not applicable

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	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Hazchem Code	:	Not applicable

Special precautions for user

Not applicable

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	:	Schedule 6

APVMA no.: 62001

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	:	On the inventory, or 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. Polyalkylene oxide derivative of a synthetic alcohol

4-amino-3,5,6-trichloropyridine-2-carboxylic acid

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	:	On the inventory, or 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	:	31.01.2022
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 Substanc-

es; (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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