

AGPRO SAFETY DATA SHEET

GLACIER

Issue Date: 15 Jul 2020

1. SUBSTANCE IDENTIFICATION:

Glacier

SUPPLIER NAME: AGPRO NZ Ltd
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland
SUPPLIER PHONE: 09 273 3456
SUPPLIER FAX: 09 273 3457
EMERGENCY PHONE: 0800 POISON (0800 764 766)
USE: Fungicide

2. HAZARDS IDENTIFICATION:

HAZARD CLASSIFICATION: Flammable liquid, Toxic, Ecotoxic
CLASSIFICATION AND TYPE:

3.1C	Warning - Flammable liquid and vapour
6.1E	Warning - May be harmful if swallowed, inhaled or absorbed through skin..
6.3A	Warning – May cause skin irritation.
6.4A	Warning - May cause eye irritation.
6.8A	Danger - May damage fertility or the unborn child.
6.9B	Warning - May cause organ damage from repeated oral exposure at high doses.
9.1A	Warning - Very toxic to aquatic life.
9.1B	Warning – Ecotoxic to aquatic environment

3. COMPOSITION / INFORMATION ON INGREDIENTS:

CHEMICAL NATURE: Fungicide
PURE SUBSTANCE
CHEMICAL IDENTITY: *cis,trans-3-chloro-4-[4-methyl-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-2-yl]phenyl 4-chlorophenyl ether*
MIXTURE

COMMON NAME	CAS NUMBER	CONCENTRATION
difenoconazole	119446-68-3	26.3 %
N-methyl pyrrolidone	872-50-4	3.16 %
xylene	1330-20-7	64.2 %
other ingredients		up to 100%

4. FIRST - AID MEASURES:

GENERAL INFORMATION: Remove any contaminated clothing and footwear immediately. Seek medical advice. Contact National Poisons and Hazardous Chemicals Information Centre ph 0800 764 766 (0800 POISON) for further advice.

SKIN CONTACT: In case of contact, immediately wash affected area with soap and water. Wash contaminated clothing before reuse. Seek medical advice if irritation persists.

EYE CONTACT: Hold eyes open and rinse with water for at least 15 minutes. Remove contact lenses if easy to do so. Seek medical advice from an eye specialist.

INGESTION: Do not induce vomiting. Seek medical advice immediately.

INHALATION: Immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Seek medical advice immediately.

NOTE TO PHYSICIAN: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: 40 °C

EXTINGUISHING MEDIA AND METHODS: Dry chemical, foam or carbon dioxide.

SPECIFIC HAZARDS DURING FIRE FIGHTING: Flammable liquid. Combustion products may be toxic and/or cause irritation. Do not allow contaminated run-off to enter waterways.

RECOMMENDED PROTECTIVE CLOTHING: Fire fighters should wear full protective gear, including self-contained breathing apparatus.

AGPRO SAFETY DATA SHEET

DIRECT

GLACIER

Issue Date: 15 Jul 2020

6. ACCIDENTAL RELEASE MEASURES:

EMERGENCY PROCEDURES: Spills may be slippery. Extinguish any nearby sources of ignition.
PERSONAL PRECAUTIONS: Ensure suitable personal protection during removal of spillages - wear either goggles and half face respirator with dust and vapour cartridge **or** full face respirator with dust and vapour cartridge along with impermeable gloves, coat, hat and trousers.
ENVIROBMENTAL PRECAUTIONS: Prevent spills and washings from entering any waterway.
PROCEDURE FOR SPILL: Keep bystanders away. Wear above mentioned protective equipment. Contain the spill and recover spilt product with sawdust or other inert absorbent material then place recovered material into a properly labelled and secured drum. Contaminated material must be disposed of in accordance with all local authority requirements.

7. HANDLING AND STORAGE:

HANDLING AND USE: Handle only in areas with appropriate exhaust ventilation. Wear appropriate safety gear (See section 8).
STORAGE: Store in original containers tightly closed in a cool, well ventilated place accessible by authorized persons only. Store away from sources of ignition, food and feedstuffs.
STORAGE STABILITY: Storage duration: 24 Months.
STORAGE SITE REQUIREMENTS: Flammable liquid. Stores containing more than 1000 litres of this product require emergency response plans, secondary containment systems and are subject to signage. Note: When stored with substances of the same hazard the aggregate quantity must be considered.
APPROVED HANDLER: Approved handlers are not required for this product **except** during use. This product must be under the control of an approved handler if it is being applied in a wide dispersive manner or by a commercial contractor.
RECORD KEEPING: Record of use must be kept for 3 years

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Use suitable respiratory protection where there is insufficient ventilation.
HAND PROTECTION: Impervious gloves.
EYE PROTECTION: Chemical goggles/face protection.
OTHER PROTECTIVE EQUIPMENT: Wear suitable impervious protective clothing.
HYGIENE MEASURES: Avoid contact with eyes and skin. Store work clothes and street clothes separately. Wash hands before breaks and at the end of work. Change contaminated protective clothing. Wash work clothing separately. Do not eat, drink or smoke whilst handling or using.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPARANCE: Clear amber liquid
ODOUR: Non specific
FLASH POINT: 40 °C
SOLUBILITY: Emulsifies in water
SPECIFIC GRAVITY: 0.95 – 0.99 g/l at 20°C

10. STABILITY AND REACTIVITY:

HAZARDOUS REACTIONS: Flammable liquid. Stable under normal conditions.
CONDITIONS TO AVOID: Temperature extremes.
INCOMPATIBILITY: None known.
HAZARDOUS DECOMPOSITION PRODUCT: Toxic and/or irritant decomposition products.

AGPRO SAFETY DATA SHEET

DIRECT

GLACIER

Issue Date: 15 Jul 2020

11. TOXICOLOGICAL INFORMATION:

FORMULATED PRODUCT:

ORAL TOXICITY:	LD ₅₀ rat (female): > 3442 mg/kg
DERMAL TOXICITY:	LD ₅₀ rat: > 2000 mg/kg.
ACUTE INHALATION TOXICITY:	Rat: LC ₅₀ (4 h): > 5.4 mg/l.
SKIN IRRITATION:	Slightly irritating (rabbit).
EYE IRRITATION:	Moderately irritating (rabbit).
SENSITIZATION:	Not sensitizing (Guinea pig)

12. ECOLOGICAL INFORMATION:

FOR DIFENOCONAZOLE TECHNICAL:

FISH:	LC ₅₀ (96 H) FOR RAINBOW TROUT 1.1 MG/L AND BLUEGILL SUNFISH 1.2 MG/L.
DAPHNIA:	LC ₅₀ (48HR) 0.77 MG/L.
BIRDS:	LD ₅₀ FOR MALLARD DUCKS > 2150 MG/KG. LC ₅₀ (8 DAY) DIETARY MALLARD DUCKS > 5000 MG/KG FEED AND BOBWHITE QUAIL 4760 MG/KG FEED.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL:	Ensure product is not discharged into the environment. The best method of disposal is to use according to label directions. For disposal, use a certified disposal company.
EMPTY CONTAINER PRECAUTIONS:	Remove all residues after final product withdrawal. Once product residues adhering to container walls have been rendered harmless, the product and hazard labels must be invalidated. Containers may be recycled with a certified drum recycling company.
PROCEDURE FOR DISPOSAL:	i, Triple rinse containers and add rinsate to spray tank. Do not dispose of undiluted product on site. ii, Burn rinsed container in a suitable incinerator if circumstances, especially wind direction, are suitable. Otherwise bury in suitable landfill. iii, Dispose of product or unused spray mix according to label instructions.

14. TRANSPORT INFORMATION:

COMMERCIAL TRANSPORT:	TRANSPORT BY RAIL/ROAD (RID/ADR), SEA (IMDG/GGVSEE) AND AIR (ICAO/IATA).
UN NO.:	1993
PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIFENOCONAZOLE 25%).
DG CLASS:	3
PACKAGING GROUP:	III
MARINE POLLUTANT:	MARINE TRANSPORT ONLY
HAZCHEM CODE:	2X

15. REGULATORY INFORMATION:

HSNO Approval No.:	HSR100414
HSNO Controls:	See www.epa.govt.nz for controls.
Approved Handlers:	Approved Handlers required at time of use.
ACVM Registration:	P008103
ACVM Controls:	See www.nzfsa.govt.nz/acvm for registration conditions.

16. OTHER INFORMATION:

This information and recommendations contained herein are based on information believed to be correct. However, no guarantee or warranty of any kind, expressed or implied is made with respect to the information provided herein.