

Infosafe No™ 3NUPG	Issue Date : January 2015	ISSUED by NUFARM
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Product Name **INTERCEPT Herbicide**

Not classified as hazardous

Suitable extinguishing media	If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material.
Hazards from Combustion Products	If involved in a fire, the dehydrated components may emit oxides of carbon and oxides of nitrogen.
Special Protective Equipment for fire fighters	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.
Specific hazards arising from the chemical	Considered low risk due to water content, however upon evaporation of water the product is combustible.
Other Information	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

6. Accidental release measures

Spills & Disposal	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal. Dispose of at a landfill in accordance with local regulations.
Personal Protection	For appropriate personal protective equipment (PPE), refer Section 8.
Environmental Precautions	This product is a herbicide and spills can damage crops, pastures and desirable vegetation.

7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.
Tank Cleaning	Thoroughly flush all spray equipment with water following the use of this product and before use with other products.
Other Information	Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values	Safe Work Australia has set the following exposure standard for propylene glycol : TLV (TWA) 474 mg/m ³ , STEL -.
Appropriate engineering controls	Handle in well ventilated areas, generally natural ventilation is adequate.
Personal Protective Equipment	It is good practice to wear suitable personal protective equipment (PPE). When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. Re-entry period: Do not enter treated area until spray has dried.
Hygiene Measures	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

9. Physical and chemical properties

Form	Liquid
Appearance	Yellow to amber liquid
Solubility in Water	Soluble in water.
Specific Gravity	1.074
pH	6.5 - 7.0
Vapour Pressure	<0.013 mPa @ 25°C for Imazamox and Imazapyr
Partition Coefficient: n-octanol/water	Kow Log P is -1.03 @ pH5 for Imazamox and 0.11 for Imazapyr
Flammability	Not flammable

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Other Information pKa is 2.3, 3.3, 10.8 for Imazamox; and 1.9, 3.9, 11 for Imazapyr

10. Stability and reactivity

Chemical Stability Stable under normal conditions.

Incompatible Materials Not compatible with iron and mild steel.

Hazardous Polymerization Non corrosive to stainless steel, polyethylene and plastics.

Polymerization Hazardous polymerisation is not possible.

11. Toxicological Information

Acute Toxicity - Oral LD50 (rat) >5,000 mg/kg for both Imazamox and Imazapyr

Acute Toxicity - Dermal LD50 (rat) >2,000 mg/kg for both Imazamox and Imazapyr

Acute Toxicity - Inhalation LC50 (rat) (4hr) >6.3 mg/l for Imazamox
LC50 (rat) (4hr) >5.1 mg/l for Imazapyr

Inhalation The components of the product are of low volatility and no adverse effects are expected from handling the concentrate.

Skin Not a skin irritant and not harmful by dermal exposure.

Eye May irritate the eyes.

Skin Sensitisation Product is not a skin sensitiser.

Carcinogenicity Data indicates no carcinogenic effects.

Reproductive Toxicity Data indicates no reproductive effects.

Chronic Effects Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Serious eye damage/irritation Mild eye irritant.

Mutagenicity Data indicates no mutagenic effects.

Skin corrosion/irritation Mild skin irritant.

Other Information The Australian Acceptable Daily Intake (ADI) for Imazamox for a human is 2.8 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 282 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Aust Govt Dept. of Health, Office of Chemical Safety, 'ADI List', June 2014).

ADI for Imazapyr is 2.5 mg/kg/day, NOEL 250 mg/kg/day.

12. Ecological information

Other Precautions Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

Do not spray within 50m of wetlands or waterways.

Environmental Protection Spray drift can cause damage, read the label for more information.

Acute Toxicity - Fish LC50 (96hr) for rainbow trout is >82 mg/l for a similar product

Acute Toxicity - Daphnia EC50 (48hr) for daphnia is >100 mg/l for both Imazamox and Imazapyr.
EC50 (48hr) for daphnia magna is >86.6 mg/l for a similar product.

Acute Toxicity - Algae EC50 (72hr) for algae >90 mg/l for a similar product.

Acute Toxicity - Other Organisms Birds: Not toxic to birds. LD50 for bobwhite quail is >1846 mg/kg

Bees: Not toxic to bees. LD50 >25 µg/bee.

13. Disposal considerations

Product Disposal On site disposal of the concentrated product is not acceptable.

Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).



Safety Data Sheet

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Container Disposal Do not use this container for any other purpose.
Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank.
Do not dispose of undiluted chemicals on site.
If recycling, replace cap and return clean containers to recycler or designated collection point.
If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility.
If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations.
drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.
Empty containers and product should not be burnt.

14. Transport information

Storage and Transport Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. Regulatory information

Poisons Schedule Not Scheduled

Other Information This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 69353.

16. Other Information

Date of preparation or last revision of SDS 08/01/2014

Contact Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000

Person/Point After Hours: Shift Supervisor Phone: 1800 033 498

Revisions First Issue

Highlighted

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