



Safety Data Sheet

SANONDA
(AUSTRALIA) PTY

Page: 1 of 4

Infosafe Issue Date : August 2015 ISSUED by SANONDA

Product Name **Aminoz 625 Selective Weedkiller**
Classified as hazardous

1. Identification

GHS Product Identifier Aminoz 625 Selective Weedkiller
Product Code 7093
Product Type Group I Herbicide
Company Name Sanonda (Australia) Pty Ltd (ABN 23 059 813 973)
Address Suite 822, St Kilda Road Towers,
No. 1 Queens Road, Melbourne,
Victoria 3004 Australia
Telephone/Fax Number Tel: +61 3 9863 8081
Fax: +61 3 9863 8083
Emergency phone number +61 3 9863 8081
Recommended use of the chemical and restrictions on use Non-volatile 2,4-D liquid for broadleaf weed control in cereals and pasture.
Other Information This Safety Data Sheet describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

2. Hazard Identification

GHS classification of the substance/mixture ED1 Eye Damage/Irritation: Category 1
Skin sensitization: Category 1
Acute Toxicity - Oral: Category 4
Signal Word (s) POISON
Hazard Statement (s) H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
H320 Causes eye irritation.
H315 Causes skin irritation.
General Precautionary Statement (s) P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
Pictogram (s) Corrosion, Exclamation mark



Precautionary statement - Prevention P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P270 Do not eat, drink or smoke when using this products.
P280 Wear protective gloves, clothing, eye and face protection.
Precautionary statement - Response P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
Other Information Poisons Schedule S6

3. Composition/information on ingredients

Chemical Characterization Solid

Ingredients	Name	CAS	Proportion
	2,4Dimethylamine salt	2008-39-1	
	2,4-D Diethanolamine salt	5472-19-8	2,4-D acid is 625g/L
	Water	7732-18-5	balnce



Safety Data Sheet

SANONDA
(AUSTRALIA) PTY

Page: 2 of 4

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4. First-aid measures

Inhalation	If symptoms of poisoning become evident, contact a Poisons Information Centre, or call a doctor at once. Remove source of contamination or move victim to fresh air. Check for other causes of observed symptoms and seek medical advice.
Ingestion	If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26 (Aust). No occupational studies were found reporting signs or symptoms following exposure to 2,4-Dunder normal usage.
Skin	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed. Seek medical advice immediately.
Advice to Doctor	Treat symptomatically. No specific antidote.

5. Fire-fighting measures

Suitable extinguishing media	If involved in a fire, the product will not burn. None required but use water spray to cool containers or personnel threatened by fire.
Hazards from Combustion Products	Non-combustible If involved in a fire, it will emit toxic fumes of hydrogen chloride or phosgene.
Special Protective Equipment for fire fighters	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.
Other Information	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

6. Accidental release measures

Spills & Disposal	Prevent spillage from entering drains or water courses. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly.
Personal Protection	For appropriate personal protective equipment (PVC), refer Section 8.

7. Handling and storage

Precautions for Safe Handling	Do NOT contaminate dams, rivers or streams, or any other water bodies with pesticide or used containers. Avoid generating dusts while handling the product and mixing. If dusts are generated, it is advisable to wear a dust mask, refer Section 8.
Conditions for safe storage, including any incompatibilities	Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight.
Tank Cleaning	See label for detailed information on cleaning/decontaminating of spray equipment.
Other Information	Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts not otherwise specified is 10 mg/m ³ .
Appropriate engineering controls	Handle in well ventilated areas, generally natural ventilation is adequate.
Respiratory Protection	Do not inhale spray mist. If dusts are present, wear a class P1 dust mask.
Personal Protective Equipment	It is good practice to wear suitable personal protective equipment (rubber, PVC). When preparing spray solution, wear PVC/rubber apron or cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and goggles or face-shield.
Hygiene Measures	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.



Safety Data Sheet

SANONDA
(AUSTRALIA) PTY

Page: 3 of 4

Infosafe Issue Date : August 2015 ISSUED by SANONDA

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After each day's use, wash gloves, face and contaminated clothing.

9. Physical and chemical properties

Form Liquid
Appearance Clear, red-brown liquid with ammoniacal odour
Melting Point < 0 °C
Solubility in Water Soluble in water.
Specific Gravity 1.254
Vapour Pressure 16mm Hg (for water), 2, 4-D amine salt is non volatile.
Boiling Point >100°C for water
Flammability Non combustible material.
pH Value 8.5-9.5
Volatile Component 30%

10. Stability and reactivity

Chemical Stability This product is unlikely to react or decompose under normal storage conditions.
Possibility of hazardous reactions Keep away from strong oxidising agents.
Hazardous Polymerization Hazardous polymerisation is not possible.

11. Toxicological Information

Toxicology Information

Acute Toxicity - Oral LD50 (rats) 949 mg/kg for 2,4-D dimethylamine salt
Acute Toxicity - Dermal LD50 (rabbits) >2000mg/kg for 2,4-Ddimethylamine salt and diethanolamine salt
Acute Toxicity - Inhalation LC50 (rat) (4hr) >3.5 mg/l for 2,4-Ddimethylamine salt
Ingestion LC50 (rat) (4hr) >1.75 mg/l for 2,4-Ddimethylamine salt and diethanolamine salt
Inhalation Harmful if swallowed. May cause nausea, vomiting, abdominal pain, decreased blood pressure, muscle weakness, muscle spasms.
Skin Contains materials that may be moderately toxic. Vapours could cause headache, dizziness, respiratory irritation and symptoms similar to those from ingestion.
Eye May cause slight transient irritation.
Chronic Effects Causes severe eye irritation including corneal opacity and irreversible eye damage. Causes redness and tearing. Vapours and mist can cause irritation. Repeated overexposure may cause effects to liver, kidneys, blood chemistry, and gross motor function.
Other Information The Australian Acceptable Daily Intake (ADI) for chlorsulfuron for a human is 0.05 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 5 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: Comm. Dept. of Health and Ageing, Office of Chemical Safety, 'ADI List', March 2014).

12. Ecological information

Persistence and degradability 2,4-D has a relatively short half-life and is rather immobile in the soil. In aquatic environments microorganisms readily degrade 2,4-D and breakdown by sunlight is not a major reason for loss.
Other Precautions Do not spray in high winds. Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
Environmental Protection Spray drift can cause damage, read the label for more information.
Acute Toxicity - Fish Not toxic to fish.
Acute Toxicity - Daphnia LC50 (96hr) for rainbow trout is 250 mg/l for 2,4-DDMA.
LC50 (48hr) for daphnia is 184 mg/l for 2,4-DDMA.



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Page: 4 of 4

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Acute Toxicity - Bluegill LC50 (96hr) for Bluegill is 524 mg/l for 2,4-DDMA.
Acute Toxicity - Other Organisms The following data is for the active ingredient, 2,4-DDMA.
Bobwhite Quail: Oral LD50 is 500mg/kg
Mallard Duck: Dietary LC50 is > 5620 ppm

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®).

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.
If recycling, replace cap and return clean containers to recycler or designated collection point.
If not recycling, puncture or shred and bury containers in local authority landfill.
If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.
Empty containers and product should not be burnt.

14. Transport information

Transport Information It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

Storage and Transport Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
For bulk shipments as Class 9, use UN 3082

UN Number (Sea Transport) 3082

IMO Class/Packing Group Class 9; Packing Group III

IMO Marine Pollutant Marine Pollutant

IMO Proper Shipping Name ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S.
(contains 2,4-D)

15. Regulatory information

Poisons Schedule S6

Packaging & Labeling POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Other Information This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA approval number: 58508/1113

16. Other Information

Date of preparation or last revision of SDS Revised 28/08/2015
This SDS replaces document dated May 2011.

Contact Person/Point Sanonda (Australia) Pty Ltd
Suite 822, St Kilda Road Towers, No. 1 Queens Road, Melbourne VIC 3004
Telephone: +61 3 9863 8081
Facsimile: +61 3 9863 8083

Revisions Highlighted The SDS was reviewed to include GHS requirements.
See information in Section 2 - Hazards Identification and Section 11 - Toxicological Information.
...End Of MSDS...

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