



MSDS OF NAADCO Pendimethalin 330 Herbicide

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	NAADCO Pendimethalin 330 Herbicide
Supplier	New Australia Agricultural Development Company Pty Limited
Address	Rear 150-154 Parramatta Rd, Auburn, NSW, 2144, Australia
Telephone	+61 2 9188 5752
Fax	+61 2 9188 5752
Website	www.naadco.com.au

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.

Not subject to the ADG Code when transported in Australia by Road or Rail in packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs (refer to SP AU01). However if transported by Air or Sea, this provision does not apply.



GHS08 Health hazard

Reproductive toxicity – Category 2 H361d Suspected of damaging the unborn child.

Aspiration hazard – Category 1 H304 May be fatal if swallowed and enters airways.



GHS09 Environment

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Skin sensitisation – Category 1

H317 May cause an allergic skin reaction.

Flammable liquids – Category 4

H227 Combustible liquid.s.

Signal Word Danger

Hazard Statements

H317 May cause an allergic skin reaction.

H361d Suspected of damaging the unborn child.

H304 May be fatal if swallowed and enters airways.



H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P201 Obtain special instructions before use.

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

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%)
Pendimethalin	40487-42-1	33%
Other non-hazardous ingredients		to 100%

4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre, and follow the advice given. Show this Material Safety Data Sheet to the doctor.

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.
Skin contact	In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do NOT induce vomiting. Wash out mouth with plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Hazards from products: Hazardous combustion products include oxides of carbon, oxides of nitrogen, other nitrogen compounds, hydrogen cyanide, and smoke.

Combustible product.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting entering drains or water courses.

HAZCHEM Code: 3Z

Extinguishing Media: Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide.

Fire Fighting: When fighting fires involving significant quantities of this product, wear a splash suit complete with self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing, gloves and eye/face protection. Evacuate all unnecessary personnel.



Environmental precautions

In the event of a major spill, prevent spillage from entering into drains and water courses. Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7. HANDLING AND STORAGE

Handling: Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Storage: Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from extremes of temperature and direct sunlight. When wet, corrosive to mild steel, galvanised steel and zinc. Non corrosive to stainless steel, polyethylene and plastics. Do not mix, store or apply the product or spray solutions of the product in galvanised steel or unlined steel (except stainless steel) containers or spray tanks

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits have not been established for any of the significant ingredients in this product. No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.



Respirator: Usually, no respirator is necessary when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear black with yellow orange tings liquid
pH:	Not available
Melting point/freezing point:	<5 °C
Flash Point:	>62 °C
Flammability:	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	~1.05
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Forms an emulsion in water Partition Coefficient (n-octanol/water): No information available
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of use.
Conditions to avoid	Direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products:	Oxides of carbon, oxides of nitrogen, other nitrogen compounds, hydrogen cyanide, and smoke.

11. TOXICOLOGICAL INFORMATION

Toxicity:

Acute Health Effects

Inhalation: May cause respiratory irritation.

Skin: May cause slight skin irritation.

Eye: Concentrate will cause severe eye irritation and possible eye damage.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: Glyphosate is classified by IARC as Group 2A - Probably carcinogenic to humans.



Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

Ecotoxicity:

Aquatic toxicity: Very toxic to aquatic life with long lasting effects.

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.

Other adverse effects: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose according to applicable local and state government regulations.

Precautions and methods to avoid:

Avoid contamination of any water supply with product or empty container.

14. TRANSPORT INFORMATION

UN number 3082

Class and Subsidiary Risk 9

Packing Group III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (pendimethalin (ISO)), MARINE POLLUTANT

15. REGULATORY INFORMATION

Registered according to the Agricultural Chemicals Act

16. OTHER INFORMATION

Version 1.0

Revision Date: 2022.08.03

The information contained in this MSDS is provided in good faith and is believed to be correct and the date hereof. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

Please read all labels carefully before using product.