



SAFETY DATA SHEET OF HUMIC ACID FERTILIZER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	Humic acid Fertilizer
Supplier	New Australia Agricultural Development Company Pty Limited
Address	Rear 150-154 Parramatta Rd, Auburn, NSW 2144 Australia
Telephone	+61 2 9188 5752, 0425328311
Fax	+61 2 9188 5752
Website	www.naadco.com.au

2. HAZARDS IDENTIFICATION

Hazards Identification: This substance is considered to be non-hazardous for transport.

Emergency Overview: Caution: Avoid inhalation and direct contact with skin and eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Humic acid	1415-93-6	~30g/L
Total N	/	~100g/L
P ₂ O ₅	/	~100g/L
K ₂ O	/	~100g/L
Water	/	up to 1000g/L

4. FIRST AID MEASURES

Skin Exposure:	In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.
Eye Exposure:	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.
Inhalation Exposure:	If inhaled, remove to fresh air. If necessary, get medical attention.
Oral Exposure:	If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Water spray, Dry chemical, Carbon dioxide or appropriate foam.
Firefighting:	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.



6. Spill and Leak Procedures

Procedures of

personal protection: Exercise appropriate precautions to minimize direct contact with skin and eyes.

Methods for cleaning up: Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal.

7. HANDLING AND STORAGE

Handling: Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidants and food. No smoking at working site.

Storage: Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidants and food.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use ventilation equipment if available. Safety shower and eye bath

Personal Protective Equipment:

Respiratory: Government approved respirator if needed.

Eye: Wear chemical safety goggles if needed.

Clothing: Wear appropriate protective clothing.

Hand: Wear compatible protective gloves.

Other Protect: No smoking, drinking and eating at working site. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: brown liquid

Flash Point: > 100°C (closed cup)

pH Value: 4-10

Solubility: 100% soluble

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Materials to Avoid: Strong oxidants and foods.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Not known.

11. TOXICOLOGICAL INFORMATION

Toxicity Data: No data available.



Irritation Data: This product is nontoxic.

12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

Spent or discarded material is not to be classified as hazardous waste. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environment regulations.

14. TRANSPORT INFORMATION

DOT

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

ADR/RID Class: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO

Non-Hazardous for Sea Transport: Non-hazardous for sea transport

UN Number: None

15. REGULATORY INFORMATION

EU Additional Classification:

S 36/37

Safety Statements: Wear suitable clothing and gloves.

16. OTHER INFORMATION

The MSDS is prepared in accordance with ISO 11014- 1: 1994.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.