



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	Ethyl butylacetylaminopropionate (IR3535)
Supplier	New Australia Agricultural Development Company Pty Limited
Address	Rear 150-154, Parramatta Rd, Auburn, NSW, 2144, Australia
Telephone	+61 2 94983675, 0430990521
Fax	+61 2 94983675
Website	www.naadco.com.au

2. HAZARDS IDENTIFICATION

Hazard classification: None, This subject is not subject to IMO IMDG Code

Hazard Warnings for Health: slight toxicity ,can cause slight headache , dizziness , narcotic , vomit and irritation .

Hazard Warnings for Environment: Air pollution and Water pollution

Major State: Headache ,dizziness ,narcotic ,vomit and irritation .

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Ethyl butylacetylaminopropionate	52304-36-6	98%
Other ingredients		2%

4. FIRST AID MEASURES

Emergency and First Aid Procedures

Eyes	Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1 to 2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
Skin	Rinse eyes with clean water for several minutes and immediately call a physician.
Ingestion	No emergency medical treatment necessary.
Inhalation	Move to fresh air; if effects occur, consult a physician.
Note	No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	water, foam and powder extinguisher
Fire&Explosion hazards	Dense smoke emitted when burned without sufficient oxygen. Highly toxic fumes are released in fire situations. Fire water run-off may be toxic.
FIRE-FIGHTING EQUIPMENT	Wear positive pressure self-contained breathing apparatus and full protective clothing.



6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb small spills with sand or other non-combustible absorbent material and place in a suitable container for disposal. Wash thoroughly after handling.

7. HANDLING AND STORAGE

Handling	Keep out of reach of children, unauthorised persons and animals. After handling and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. For personal protection see Section 8.
Storage Requirements	Store in a tightly closed container. Keep away from heat and open flame. Store in a cool, dry and well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Use in a well ventilated area.
Exposure Limits	No exposure limits have been established for this material.
Personal Protection	
Respiratory	Wear air – supplied respirator.
Eye	Avoid contact with eyes. Eye contact can be avoided by wearing protective eyewear.
Skin and Body	Avoid contact with skin or clothing. Skin contact should be minimized by wearing protective clothing including gloves, long sleeved shirt, long pants and chemical resistant boots.
Other Information	Launder clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical & Chemical Properties	light yellow liquid
Boiling point / range	292°C
Flammability	157°C
Explosive Properties	NA
Explosion Limits	NA
Oxidising Properties	NA
Vapour Pressure	3.4X10 ⁻³ /20°C, 3.8X10 ⁻² /50°C, 8.8X10 ⁻¹ /100°C;
Specific gravity	0.999(25°C)
Solubility in water	Insoluble
pH value	5~7

10. STABILITY AND REACTIVITY

Stability	Stable under normal use and storage conditions.
Conditions to avoid	Keep away from flame



Hazardous Decomposition Can decompose at high temperatures forming toxic gases.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Oral	male rat LD ₅₀ > 5000mg/kg
Dermal	male rat LD ₅₀ > 2000mg/kg
Inhalation	LC ₅₀ (4 h) for rats > 5000 mg/m ³ air.
Irritation	
Skin	Non-irritant (rabbit)
Eye	Mild-irritant (rabbit)

12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

Do not contaminate streams, rivers or waterways with the chemical or used containers.

Possibility of Environmental Impact / Move: Toxic to fish and wildlife. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not apply directly to water, Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

13. DISPOSAL CONSIDERATIONS

Disposal Information: Should be disposed of according to the related local official regulations.

14. TRANSPORT INFORMATION

Hazards identification: None

Suggestion according to IMO IMDG Code: the substance is not subject to IMO IMDG Code

Packing requirements: The goods are packaged according to the packing requirement of ordinary goods.

15. REGULATORY INFORMATION

Registered according to the Agricultural Chemicals Act

16. OTHER INFORMATION