SECTION 1: Identification

1.1. Product identifier

Trade name : **Albaugh Hexanil 250 SL Herbicide**

1.2. Other means of identification

Hexazinone

1.3. Recommended use of the chemical and restrictions on use

1.3.1. Recommended use

Industrial/Professional use : For professional use only

Use of the substance/mixture : Agricultural herbicide

1.3.2. Restrictions on use

No additional information available.

1.4. Details of the manufacturer/importer

Albaugh Australia Pty Ltd
Level 1, 530 Little Collins Street, MELBOURNE 3000, Australia
Tel (03) 99097183
ABN: 676 890 994

1.5. Emergency phone number

Emergency number : 1800 862 115 (Australia)
+61 2 9037 2994 Local (City): Sydney

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

This material is hazardous according to Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Flammable liquid – Category 3
Acute toxicity (Oral) – Category 4
Eye irritation – Category 2

The following hazard classes fall outside the scope of the Workplace Health and Safety Regulations:
Hazardous to the aquatic environment (acute) – Category 1
Hazardous to the aquatic environment (chronic) – Category 1

2.2. Label elements, including precautionary statements

Hazard pictograms :

Flame | Exclamation mark | Environment

Signal word : **WARNING**

Hazard statements :
H226 Flammable liquid and vapour
H302 Harmful if swallowed
H319 Causes serious eye irritation
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements :
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P280 Wear protective gloves, clothing, eye and face protection.
P264 Wash contact areas thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rince skin with water.
P370 + P378 In case of fire: Use carbon dioxide (CO2), dry sand to extinguish.
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing
P337 + P313 If eye irritation persists: Get medical advice/attention
P273 Avoid release to the environment.
P391 Collect spillage.
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 3: Composition and information on ingredients

Name	Ingredient identifier (CAS No.)	Content (w/v)
Hexazinone	51235-04-2	25%
Ethanol	64-17-5	10 – 30%
Other components are not considered hazardous in this formulation and therefore are not required to be disclosed according to the WHS Regulations		

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after ingestion : Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention.

First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a POISON INFORMATION CENTER (Australia) on 13 11 26 or doctor/physician.

First-aid measures after eye contact : Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Obtain emergency medical attention.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with plenty of mild soap and water. If symptoms develop, seek medical advice.

First aid facilities : Eyewash, safety shower and normal washroom facilities.

4.2. Symptoms caused by exposure

Symptoms/injuries after ingestion : May be harmful if swallowed.

Symptoms/injuries after inhalation : Inhalation of mists or vapours may cause respiratory irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after skin contact : May cause transient skin irritation.

4.3. Medical attention and special treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Suitable extinguishing equipment

Suitable extinguishing media : Foam, Dry powder, Carbon dioxide, Water spray or Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

The product is a flammable liquid. In the event of fire the following may be released: oxides of carbon and nitrogen, nitrogen, other nitrogen compounds and smoke.

5.3. Special protective equipment and precautions for firefighters

Firefighting instructions : Fight fire from safe distance and protected location.

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering drains or water bodies.

Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Whenever possible, contain fire-fighting water by diking area with sand or earth. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting : In the event of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and protective suit. Do not enter fire area without proper protective equipment, including respiratory protection. Breathable air apparatus must be worn when fighting a fire in which this product is involved.

Hazchem code •2Y

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled product or contaminated surfaces. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all non-essential personnel from affected area. Do not breathe mist/spray. Avoid generating mist. Ensure adequate ventilation.

Protective equipment	:	Do not attempt to take action without suitable protective equipment. See Section 8
Emergency procedures	:	Ventilate area. Do not breathe mist/spray. Avoid contact with skin and eyes.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Wear approved mist/particulate filter respirator and full protective clothing. Do not breathe mist/spray. Ensure adequate ventilation. Avoid generating mist/spray.
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. Use only non-sparking tools.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of mist/spray. Do not breathe mist/spray. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes.

Wear personal protective equipment. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Keep only in the original container in a cool, well ventilated place out of direct sunlight. Store in a locked enclosure. Keep container tightly closed. Do not store with seed, fertilisers, food or feedstuffs.
Incompatibilities	:	Strong acids, bases and oxidising agents. Protect from direct sunlight, heat, sparks, open flames and other sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1. Exposure control measures

Exposure standards		No value assigned for this specific material by Safe Work Australia. However, the exposure standard for the constituent, Ethanol (64-17-5): TWA = 1000 ppm (1880 mg/m^3) As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

8.2. Biological monitoring

No biological limit allocated for the product. No biological monitoring is required.

8.3. Control banding

Not available.

8.4. Engineering controls

Handle in well-ventilated areas, generally natural ventilation is adequate. Use explosion-proof ventilating equipment.

8.5. Individual protection measures

Personal protective equipment	:	Avoid all unnecessary exposure. 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 and appropriate respiratory protection. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. After each day's use, wash contaminated clothing and safety equipment.
Eye and face protection	:	Chemical goggles or safety glasses. Eye protection devices should conform to relevant regulations. Consult AS/NZS 1336 and AS/NZS 1337 for further information.
Skin protection	:	Wear protective gloves of impervious material. Occupational protective gloves should conform to relevant regulations. Consult AS/NZS 2161 and AS/NZS 4501 for further information.
Respiratory protection	:	If ventilation is inadequate, suitable respiratory protection should be worn, consult AS/NZS 1715 and AS/NZS 1716 for further information.
Thermal hazards	:	No further relevant information available.

SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Colour	:	Pale yellow
Odour	:	Mild alcohol odour
Odour threshold	:	No data available
pH	:	No data available
Density	:	0.98 at 20°C
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available

Boiling point	:	No data available
Flash point	:	25°C
Auto-ignition temperature	:	Non-explosive
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non-flammable
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	Miscible
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available
Particle characteristics	:	No data available
Partition coefficient: n-octanol/water (log value)	:	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Sources of ignition, sparks, open flames and hot surfaces.

10.5. Incompatible materials

Strong acids. Strong bases. Keep away from strong oxidising agents.

10.6. Hazardous decomposition products

Thermal decomposition may result in the release of toxic and/or irritating fumes. Oxides of carbon and nitrogen, nitrogen, other nitrogen compounds and smoke.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

The information presented below is based on the toxicity data for the formulated product:

Albaugh Coverpro 480 SC Fungicide

Acute toxicity	:	Considered to be harmful if swallowed. Not considered to be acutely toxic via dermal and inhalation routes of exposure, according to available data. The following data is for the active ingredient, Hexazinone (51235-04-2): Oral: LD_{50} (Rat) = 1690 mg/kg Dermal: LD_{50} (Rat) = >5000 mg/kg Inhalation: LD_{50} (Rat) = 7.48 mg/l/4h
Skin corrosion/irritation	:	Not classified as a skin irritant according to available information.
Serious eye damage/irritation	:	Causes serious eye irritation.
Respiratory or skin sensitisation	:	Not a skin sensitiser and not expected to be a respiratory sensitiser according to available information.
Germ cell mutagenicity	:	Not suspected to cause genetic defects according to available information.
Carcinogenicity	:	Not considered to be carcinogenic according to available information.
Reproductive toxicity	:	Not considered to be toxic to reproduction according to available data.
Specific target organ toxicity (single exposure)	:	Not expected to cause toxicity to a specific target organ through single exposure according to available information.
Specific target organ toxicity (repeated exposure)	:	Not expected to cause toxicity to a specific target organ according to available information.
Aspiration hazard	:	Not expected to be an aspiration hazard according to available information.

SECTION 12: Ecological information

12.1. Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Hexazinone (CAS 51235-04-2)	
LC50 Fish (96h)	320 mg/L
EC50 Daphnia magna (48h)	> 80 mg/L

12.2. Persistence and degradability

Persistence and degradability : No information available on the product.
Hexazinone is moderately persistent with half-life 30-180 days. Hexazinone is slowly degraded.

12.3. Bioaccumulative potential

Bioaccumulative potential : No information available on the product.

12.4. Mobility in soil

Mobility in soil : No information available on the product.
Hexazinone is mobile in most soils.

12.5. Other adverse effects

Other information : No additional information available.

SECTION 13: Disposal considerations

Triple-rinse containers before disposal. Add rinsings to 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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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. Do not burn empty containers or product. Do not reuse container for any other purpose.

SECTION 14: Transport information

Road and rail transport	:	**Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; DANGEROUS GOODS.**
UN Number	:	1170
Proper Shipping Name or Technical Name:	:	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport Hazard Class:	:	3
Packaging Group:	:	III
Hazchem Code:	:	•2Y
Special Precautions for User:	:	Not available.
Additional Information:	:	The environmentally hazardous substance mark is not required but may may appear if required by other transportation regulations.

Marine transport:	:	**Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; MARINE POLLUTANT**
UN Number	:	1170
Proper Shipping Name or Technical Name:	:	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport Hazard Class:	:	3
Packaging Group:	:	III
IMDG EMS Fire:	:	F - E
IMDG EMS Spill:	:	S – D
Environmental Hazards:	:	Yes. Marine Pollutant substance(s): Hexazinone
Special Precautions for User:	:	Not available.
Additional Information:	:	The marine pollutant mark is not required when transported in sizes of ⩽ 5 L or ⩽ 5 kg.

Air transport:	:	**Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.**
UN Number	:	1170
Proper Shipping Name or Technical Name:	:	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport Hazard Class:	:	3
Packaging Group:	:	III
Special Precautions for User:	:	Not available.

Additional Information:	:	The environmentally hazardous substance mark is not required but may may appear if required by other transportation regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations

APVMA Number	:	81083
Poison Schedule	:	Schedule 5
AICIS	:	Listing in the AICS is not required for products regulated by the APVMA.

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

SECTION 16: Any other relevant information

Date of issue	:	09/07/2025
Version	:	001
Reason(s) for issue	:	First issue
Literature References	:	See respective sections for information
Abbreviations	:	ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) AICIS – Australian Industrial Chemicals Introduction Scheme (formerly NICNAS) AIIC - Australian Inventory of Industrial Chemicals APVMA – Agricultural Pesticides and Veterinary Medicines Australia ATE - Acute Toxicity Estimate BCF - Bioconcentration factor BLV - Biological limit value BOD - Biochemical oxygen demand (BOD) CAS No. - Chemical Abstract Service number COD - Chemical oxygen demand (COD) EC50 - Median effective concentration EPM - British Crop Protection Council Database, e-Pesticide Manual GHS - Globally Harmonised System of Classification and Labelling of Chemicals (7th revised edition) 2017 IARC - International Agency for Research on Cancer IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods LC50 - Median lethal concentration LD50 - Median lethal dose LOAEL - Lowest Observed Adverse Effect Level NOAEC - No-Observed Adverse Effect Concentration NOAEL - No-Observed Adverse Effect Level NOEC - No-Observed Effect Concentration N.O.S. - Not Otherwise Specified Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (June 2023) STEL - Short term exposure limit means the average airborne concentration of a substance calculated over a 15 minute period. The STEL should not be exceeded at any time during a normal eight hour working day. SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons SWA - Safe Work Australia, formerly ASCC and NOHSC ThOD - Theoretical oxygen demand (ThOD) TLM - Median Tolerance Limit TGA – Therapeutic Goods Australia TWA - Time-weighted average means the average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week. VOC - Volatile Organic Compounds WHS – Workplace Health and Safety

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product