

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 16.01.2023

Revision: 16.01.2023

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: RAPIBOR**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:**

Agricultural fungicide restricted to professional users

Details of Manufacturer or Importer:

Agspec Australia Pty Ltd

1 Krummel Street

Mt Gambier, SA 5290

Phone Number: 1800 683 456**Emergency telephone number:** +61 427 490 551

2 . HAZARDS IDENTIFICATION

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.


Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

Signal Word Void**Hazard Statements** Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

94095-04-2	Boron ethanolamine	15%
	 Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	

4 . FIRST AID MEASURES

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:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause slight irritation, dry/sore throat and coughing.

Skin Contact: Slight irritation and skin reddening.

Skin Contact: Slight irritation, redness of the eye tissue and visual disturbances.

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Ingestion: May cause gastrointestinal irritation, nausea and vomiting.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Fine water spray, carbon dioxide, foam or dry agent.**Specific Hazards Arising from the Chemical:** Hazardous combustion products include nitrous vapours.**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials 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

Precautions for Safe 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.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from extreme temperatures.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:**141-43-5 2-aminoethanol**WES STEL: 15 mg/m³, 6 ppm
TWA: 7.5 mg/m³, 3 ppm**1330-43-4 Sodium borate**WES TWA: 1 mg/m³**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection:

Use approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

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

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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.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Liquid
Colour:	Light yellow
Odour:	Odourless
Odour Threshold:	Not determined.
pH-Value:	8.2
Melting point/Melting range:	Undetermined.
Initial Boiling Point/Boiling Range:	Undetermined.
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	
Decomposition Temperature:	Not determined.
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	Not determined.
Density:	Not determined.
Relative Density at 20 °C:	1.37
Vapour Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in Water:	Completely soluble
Partition Coefficient (n-octanol/water):	Not determined.

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: May react violently with acids and with (some) bases.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Extreme temperatures

Incompatible Materials: Strong oxidizing and reducing agents.

Hazardous Decomposition Products: Oxides of nitrogen.

11 . TOXICOLOGICAL INFORMATION

Toxicity:**Acute Health Effects**

Inhalation: May cause slight irritation, dry/sore throat and coughing.

Skin: Slight irritation and skin reddening.

Eye: Slight irritation, redness of the eye tissue and visual disturbances.

Ingestion: May cause gastrointestinal irritation, nausea and vomiting.

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

Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

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: This product does NOT contain any IARC listed chemicals.

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 INFORMATION

Ecotoxicity: No information available

Aquatic toxicity:

Acute fish toxicity: LC50: 74 mg/L, 96 h, Limanda sp.

Acute Daphnia toxicity: EC50: 141 mg/L, 48 h, Daphnia magna; EC10: 24 mg/L, 96 h, Daphnia magna

Persistence and Degradability: Biodegradable

Bioaccumulative Potential: No indication of bio-accumulation potential.

Mobility in Soil: No information available

Other adverse effects: No information available

13 . DISPOSAL CONSIDERATIONS

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

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number Not regulated

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances: This chemical is not found in AICS.

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

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16 . OTHER INFORMATION

Date of Preparation or Last Revision: 16.01.2023**Prepared by:****Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Agspec Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. Agspec Australia Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.