

SAFETY DATA SHEET

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According to Safe Work Australia

Printing Date: 16.01.2023

Revision 16.01.2023

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: BLUESPEAR™ STARTER 10-20-5+2.2%Zn

Other Means of Identification: N/A

Recommended Use of the Chemical and Restriction on Use: Fertilizer, 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. HAZARD IDENTIFICATION

GHS Classification of the substance: This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [EU-GHS]

Signal Word(s): Warning

Hazard Statement(s): H315, causes skin irritation.

Precautionary Statement(s): P264, P280, P302+P352, P321, P332+P313, P362. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

EUH210 - Safety data sheet available on request

Pictogram(s):



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3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS-No.	Analysis %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Nitrogen as Ammonia	7722-76-1	7.30%	Not classified
Nitrogen as Ureic	57-13-6	2.70%	Not classified
Phosphorus as Phosphate	7722-76-1	20.00%	Not classified
Potassium as phosphate	7778-77-0 7778-77-0	5.00%	Not classified
Zinc (Zn) as EDTA Chelate	39208-16-7	2.20%	Not classified

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

Eye Contact: If eye contact is made hold eyes open, flood with water for at least 15 minutes and see a doctor.

Ingestion: If ingestion occurs, immediately give large amounts of water. Do not induce vomiting.

First Aid: First aid measures should be executed by trained personnel only.

Advice to Doctor: None under normal processing.

Other Information: Not Available

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: This product is a non-flammable solid. Preferred extinguishing media is water or foam. Contain all run-off.

Unsuitable Extinguishing Media: High volume water jet.

Hazards from Combustion Products: Not Available

Specific Hazards Arising from the Chemical: Thermal decomposition can lead to release of irritating and toxic gases and vapours.

Hazchem Code: Not Available

Decomposition Temperature: Not Available

Special Protective Equipment and Precautions for Fire Fighters: Isolate fire area. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke or vapours generated.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Sweep-up to prevent slipping hazard. Use personal protective equipment.

For Emergency Responders: Use personal protection recommended in Section 8.

Environmental Precautions: Prevent product from entering drains. Do not contaminate surface water.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-up: Sweep up and shovel.

7. HANDLING AND STORAGE

Precautions for Safe Handling: General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8.

Conditions for Safe Storage: Technical measures/storage conditions: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0 °C and 40 °C.

LGK (Germany) 13

Packaging Materials: Bags or Bulk.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards: Not Available

Biological Limit Values: Not Available

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.

Skin Protection: Wear suitable protective clothing.

Eye and Face Protection: Tightly fitting safety goggles.

Hygiene Measures: Follow good housekeeping practices. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.

Environmental exposure controls: Do not allow into any sewer, on the ground or into any body of water.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Appearance: Soluble Powder

Colour: Blue

Odour: Nil

Boiling point: approximately 100°C.

Freezing point: Not applicable - solid at room temperature.

Bulk Density: at 20°C.

Solubility in Water: 100% soluble in water.

Evaporation Rate: Not Available.

Flammability: Non-Flammable solid.

Flashpoint (°C): Not Available.

Flammability Limits (%): Not Available.

Vapour Pressure: Not Available.

Vapour Density: Not Available.

Solubility: Not Available.

Partition Coefficient: Not Available.

Autoignition Temperature: Not Available.

Decomposition Temperature: Not Available.

Explosive Properties: Not Available.

Oxidizing Properties: Not Available.

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10. STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: None under normal processing.

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Extreme heat. Contact with strong alkalis, oxidizers and reducing agents. Contact with fuels and other organic or combustible materials. Strong reducing agents.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition can lead to release of irritating and toxic gases and vapours.

Hazardous Polymerization: Not Available.

11. TOXICOLOGICAL INFORMATION

Toxicity: No information available.

Acute Health Effects: No information available.

Ingestion: Harmful if swallowed. If swallowed, may cause irritation to mouth, throat and stomach.

Inhalation: Inhalation of vapour may cause headaches and dizziness.

Skin: May cause photosensitization of skin areas.

Eye: May cause irritation.

Skin Corrosion or Irritation: No information available.

Serious Eye Damage or Eye Irritation: Not available

Sensitization: Not available

Developmental toxicity: Not available

STOT - Single Exposure: No known effects under normal use conditions.

STOT - Repeated Exposure: None under normal use conditions.

Aspiration Hazard: Not available

Long Term Exposure: No data is available.

Reproductive effects: No data is available.

Teratogenic effects: There is no evidence that BlueSpear Starter is teratogenic.

Mutagenic effects: There is no evidence that BlueSpear Starter is mutagenic.

Carcinogenic effects: There is no evidence that BlueSpear Starter is carcinogenic.

Organ toxicity: There is no evidence that BlueSpear Starter causes organ toxicity.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: Not Available

Aquatic toxicity: Not Available

Persistence and Degradability: When released into the soil, this material is expected to quickly adhere to soil particles. Excessive rainfall and/or irrigation may cause leaching and contamination to waterways.

Bioaccumulative Potential: Not Available

Mobility in Soil: Not Available

Other adverse effects: Not Applicable

13. DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not re-use empty containers. Dispose of as unused product.

Special Precautions for Landfill or Incineration: Use up product completely. Packaging material is industrial waste.

14. TRANSPORT INFORMATION

Transport Information: No information available

U.N. Number: No information available

U.N. Proper Shipping Name: No information available

Transport Hazard Class(es): No information available

Packing Group: No information available

Hazchem Code: No information available

Special Precautions by User: No information available

IERG Number: No information available

IATA/ICAO Proper Shipping Name: No information available

IATA/ICAO Hazard Class: No information available

IATA/ICAO Packing Group: No information available

IATA/ICAO Symbol: No information available

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IMDG U.N . No.: No information available

IMDG Proper Shipping Name: No information available

IMDG Hazard Class: No information available

IMDG Packing Group: No information available

IMDG Marine Pollutant: No information available

IMDG EMS: No information available

Transport in Bulk: No information available

15. REGULATORY INFORMATION

Regulatory Information: No information available

Australian Inventory of Chemical Substances: No information available

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule: No information available

16. OTHER INFORMATION

Text of R/S Phrases mentioned in Section 3.

R22 - Harmful if swallowed

R36 - Irritating to eyes.

R37 - Irritating to respiratory system.

R38 - Irritating to skin.

S 2 - Keep out of the reach of children

S 13 - Keep away from food, drink and animal feed stuffs

S 20 - When using do not eat or drink

S 24 - Avoid contact with skin

S 25 - Avoid contact with eyes

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 29 - Do not empty into drains

S 37 - Wear suitable gloves

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S 39 - Wear eye/face protection

S 46 - If swallowed, seek medical advice immediately and show this container or label.

S 49 - Keep only in the original container

S 61 - Avoid release to the environment.

Full text of H/P-and EUH- Statements referred to under sections 2 and 3

H315, causes skin irritation,

P264, Wash hands thoroughly after handling.

P280- Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352- IF ON SKIN: wash with plenty of soap and water.

P321- Specific treatment (see label).

P332+P313- IF SKIN irritation occurs: Get medical advice/attention.

P362- Take off contaminated clothing and wash before reuse.

EUH210 - Safety data sheet available on request

EUH401- To avoid risks to human health and the environment, comply with the instructions for use.

Date of Preparation or Last Revision: 16.01.2023

Prepared by: AGSPEC

References:

Abbreviations and acronyms:

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

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"

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