

SAFETY DATA SHEET

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

RICHGRO GARDEN PRODUCTS

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PRODUCT NAME

Richgro Black Marvel Rose and Flower Food
Concentrate

RECOMMENDED USE:

Concentrated food for roses and other flowers

SECTION 2 - HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA

NOT CLASSIFIED AS A DANGEROUS GOOD.

NOT A SCHEDULED POISON.

PHYSICAL HAZARDS: Not Classified

HEALTH HAZARDS: Not classified

ENVIRONMENTAL HAZARDS: Not classified

Label elements

GHS Signal Word: None

HAZARD STATEMENT:

None

PREVENTION

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

RESPONSE

P363: Wash contaminated clothing before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

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.

STORAGE

P402+P404: Store in a closed container, in a dry place.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name

Ammonium phosphate

CAS Number

7722-76-1

Concentration

<5%

Non-hazardous ingredients, including urea, potassium chloride, iron chelating agent and water

balance

SECTION 4 - FIRST AID MEASURES

GENERAL INFORMATION: If in doubt, get medical attention promptly. Show this Safety Data Sheet to medical personnel. Product may be irritating to the eyes. Spray mists may be irritating to the respiratory system.

EYES: Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least fifteen minutes. Seek medical attention.

SKIN: Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

INGESTION: Rinse mouth out with water ensuring that mouth wash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek medical attention as a precautionary measure.

INHALATION: First aid is unlikely to be required as a result of exposure during normal use, but spray/mists may cause respiratory tract irritation. If symptoms occur, remove to fresh air. Keep warm and at rest. Seek medical attention if symptoms persist.

Additional Information:

First Aid Facilities: Not required.

Advice to Doctor: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Non-combustible liquid. Extinguish fire using whatever is suitable for the primary cause of the fire. Carbon dioxide, dry chemical, foam or water fog are all suitable.

HAZARDS FROM COMBUSTION PRODUCTS: This product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms oxides of carbon and nitrogen.

PROTECTIVE EQUIPMENT: Fire fighters should wear self-contained breathing apparatus. Keep containers as cool as possible by spraying with water from a protected position.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Wear protective equipment as specified for handling (See Section 8).

SPILLS: Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Cover with an absorbent such as sand, earth or a commercial oil absorbent such as vermiculite. Sweep up and collect into labelled containers for recycling or disposal. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING PRECAUTIONS: Avoid eye contact and prolonged or repeated skin contact.

SAFE STORAGE PRECAUTIONS: Keep out of reach of children. Keep in the original container, in a cool, well-ventilated area out of direct sunlight to prolong product life.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS:

None

Exposure standards represent the airborne concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. The exposure standard can be of three forms; time-weighted average (TWA), peak, or short-term exposure limit (STEL).

BIOLOGICAL LIMIT VALUES: None allocated

ENGINEERING CONTROLS: Natural ventilation is adequate for normal use of this product.

PERSONAL PROTECTION: Requirements depend on working conditions, method of application and quantity of product in use. No special equipment is required for handling small quantities, but safety glasses or goggles should be worn if necessary to prevent eye contact. Nitrile, neoprene, PVC or natural rubber gloves should be worn if

necessary to prevent skin contact. Respiratory protection is unlikely to be required for normal use of this product. Avoid inhaling spray mists.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description & colour:	Pale yellow liquid
Odour:	Negligible
Boiling Point:	Approximately 100°C
Melting Point:	Approximately 0°C
Volatiles:	Water component only.
Vapour Pressure:	17.7 mmHg at 20°C (same as water)
Vapour Density:	As for water.
Specific Gravity:	1.20 at 25°C
Water Solubility:	Miscible
pH:	6.
Volatility:	Negligible.
Evaporation Rate:	Negligible.
Auto ignition temp:	None
Flash point:	None
Upper Flammability Limit:	None
Lower Flammability Limit:	None

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use and storage

CONDITIONS TO AVOID: Keep out of reach of children. Keep in the original container in a, cool, well-ventilated area to prolong product life.

INCOMPATIBLE MATERIALS: Oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May evolve toxic fumes if heated to dryness and then decomposition.

HAZARDOUS REACTIONS: None known.

POLYMERISATION: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE - SWALLOWED: Irritating. Large does may cause nausea and vomiting.

ACUTE – EYE: Transient irritation may occur.

ACUTE – SKIN: No symptoms are expected as a result of brief contact, not expected to be irritating.

ACUTE – INHALED: Spray mists may be irritating.

CHRONIC HEALTH EFFECTS

None anticipated

None of the ingredients in this product are as carcinogens by Safe Work Australia, the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), the National Institute for Occupational Safety and Health (NIOSH), or the Occupational Health and Safety Administration (OSHA).

No additional data available

SECTION 12 - ECOLOGICAL INFORMATION

BIODEGRADABILITY: Will degrade in soil. Plant nutrients may be beneficial to plants at low levels, however high levels may cause reduced growth or burns in sensitive species. Excess may be washed through soil to waterways. Nutrients released to waterways may cause algal blooms, with potential for toxic effects on aquatic organisms.

BIOACCUMULATION: Not expected to bio-accumulate except as noted

MOBILITY: Mobile in soil and water

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL: Recycling is the preferred option but if that is not practicable, dispose to approved landfill.

SECTION 14 - TRANSPORT INFORMATION

This product is not a dangerous good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), the International Maritime Dangerous Goods Code (IMDG) nor the International Air Transport Association (IATA) criteria.

UN Number: None allocated
Proper shipping name: None allocated
DG Class: None allocated
HazChem code: None allocated
Packing group: None allocated

SECTION 15 - REGULATORY INFORMATION

All ingredients in this formulation are listed in the Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme (NICNAS).

SECTION 16 - OTHER INFORMATION

REFERENCES

1. National Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals, 2011
2. Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)] and subsequent amendments
3. Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), 7.6th Edition, 2018
4. Standard for the Uniform Scheduling of Medicines and Poisons No. 23 (2019) and subsequent amendments
5. International Air Transport Association (IATA) Dangerous Goods Regulations 2019

ABBREVIATIONS

CAS number Chemical Abstracts Service Registry Number
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters
UN Number United Nations Number

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