

Rutec Pty Ltd

ABN 91 002 846 988

Material Safety Data Sheet

1/5/2024

PRODUCT NAME PHOS FIGHT PLUS

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name Rutec Pty Ltd
Address 23 Hargrave St, Tamworth NSW 2340
Telephone 07 3385 6222
Fax 07 3385 6333
Emergency Contacts 0428 667 633
0418 667 633
Website www.rutec.com
Poison Information Centre 13 11 26
Synonym(s) Aqueous solution of phosphorus and potassium
Use(s) Fertilizer

2 HAZARDS IDENTIFICATION

CLASSIFIED AS NON HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No. None allocated **Hazchem Code** None allocated **Pkg Group** None allocated
DG Class None allocated **Subsidiary Risk(s)** None allocated

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Concentrate	CAS No
Mono Potassium Phosphite and Di Potassium Phosphite	Approx 65-75%	

4 FIRST AID MEASURES

Eye Hold eyelids apart and flush continuously with water. Continue for at least 15 minutes or until advised to stop by the Poisons Information Centre or a doctor.
Inhalation Inhalation may cause nausea, headache, pain and gastrointestinal irritation.
Skin Wash thoroughly with water.
Ingestion If swallowed induce vomiting - generally considered non dangerous
Medical Advice Treat symptomatically.

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5 FIRE FIGHTING MEASURES

Extinguishing Fire & Explosion	Water spray, foam or carbon dioxide. May evolve ammonia and/or oxides of sulfur and/or nitrogen when heated to decomposition.
Special Fire Fighting Procedures	Wear protective clothing, respirator and goggles while fighting fire. Isolate combustible materials. Isolate area of fire.
Flammability Hazchem Code	Not flammable. None allocated

6 ACCIDENTAL RELEASE MEASURES

Spill Response	This product is moderately acidic. Wear protective gear as outlined in Section 8 while cleaning spillage. Confine spillage, do not let it run into drains. Neutralize with soda ash or lime. Soak up with inert material.
Waste Disposal	Comply with procedures laid down by local, state and federal governments.

7 HANDLING AND STORAGE

Handling	Do not mix this product with any other product except under specific advice from the manufacturer. Carefully read the product label before using. Always wash hands, eyes and exposed parts after handling this product. Do not eat, drink or smoke when handling this product.
Storage	Do not store in direct sunlight – containers are likely to become brittle. Do not store close to food or food cartons. Store in a cool, dry place. Do not store near strong oxidising substances, acids and alkalis. Keep out of reach of children and pets. Seek medical advice upon exposure.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation	This product is not considered dangerous but exposure should be avoided
PPE	This product is not considered dangerous but exposure should be avoided When spraying this product, wear appropriate equipment protective for eyes, lungs and skin. Wash contaminated equipment including clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid	Solubility in water	miscible
Odour	none	Specific gravity	1.42 approx
pH	5.7-6 approx	% volatiles	Not applicable
Vapour pressure	Not known	Flammability	not flammable
Vapour density	Not known	Flash Point	not applicable
Melting point	no data	Upper explosion limit	not applicable
Boiling point	unknown	Lower explosion limit	not applicable
Evaporation rate	no data	Autoignition temperature	not applicable
Bulk density	not applicable	Decomposition temperature	no data

10 STABILITY AND REACTIVITY

Reactivity	This product is non reactive.
Decomposition Products	Various depending on heat and/or exposure to other mixtures.

11 TOXICOLOGICAL INFORMATION

Health Hazard Summary	This product does not pose a health hazard
Eye	May cause irritation
Inhalation	Mild Irritant. Exposure may result in nausea, headache, pain and gastrointestinal irritation.
Skin	Non Irritant.
Ingestion	Moderate toxicity. Ingestion may result in nausea, vomiting, gastrointestinal irritation and diarrhoea.
Toxicity Data	No specific data.

12 ECOLOGICAL INFORMATION

Environment Do not let this product enter drains, water bodies and sewerage systems. This product may be toxic to aquatic life. Undergoes ionic dissociation. This product contains nitrogen and other nutrients and should be kept out of drains.

13 DISPOSAL CONSIDERATIONS

Waste Disposal Reuse or recycle cleaned containers where possible.
Special precautions for landfill or incineration Dispose of in accordance with relevant local legislation.

14 TRANSPORT INFORMATION

Shipping Name Non-dangerous goods

UN No. None allocated **Hazchem Code** None allocated **Packaging Group** None allocated

DG Class None allocated **Subsidiary Risk(s)** None allocated

15 REGULATORY INFORMATION

Poison Schedule This product is not classified using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16 OTHER INFORMATION

This Material Safety Data Sheet conforms with Safe Work Australia Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice February 2016

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