



SAFETY DATA SHEET

K-POW[®] Fungicide

Date of Issue: 6 September 2021

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Potassium bicarbonate and Fatty acids (potassium soap).
Recommended use: A fungicidal soap for use on grapes.
Supplier: UPL New Zealand Limited
PO Box 51584, Pakuranga
Auckland
Phone 0800 100 325
www.upl-ltd.com/nz
Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION



Hazard Classification: 6.3B, 6.4A, 9.3C
Required identification Details: **Signal Word: WARNING**
Keep out of reach of Children.
Read label before use.

Causes mild skin irritation.
Causes serious eye irritation.
Harmful to terrestrial vertebrates.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Fatty acid as potassium salts	68783-34-6	13
Potassium bicarbonate	298-14-6	20
Water	7732-18-5	66

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Inhalation: No abnormal effects. If reaction occurs seek medical attention.
Ingestion: Wash out mouth with plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.
Skin contact: May cause minor irritation to skin. Wash area with plenty of soap and water.
Eye contact: May cause irritation to eyes. Flush eyes with copious

Notes to a physician: quantities of flowing water for 15 minutes. Seek medical attention.
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem: 2XE
Extinguishing media: Dry powder, carbon dioxide or water spray.
Hazardous thermal (de)composition products: None known.
Protection of fire-fighters: None required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear PVC overalls, chemical resistant gloves, facemask or goggles.
Environmental precautions: Contain Spills. Do not discharge into drains or the environment.
Methods for cleaning up: Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin.
Storage: Keep only in the original container. Keep in a cool, dry, well ventilated place away from direct sunlight. Protect from frost. Store at 10-30°C.
Packaging materials: Plastic HDPE 20 litres containers.
Plastic HDPE 200 litre containers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards: None Established.

Engineering measures

Exposure control measures: No special ventilation required in enclosed areas.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system: Respiratory protection is not required.
Skin and body: Wear long sleeved shirt, long pants.
Hands: Use gloves chemically resistant (eg: nitrile or neoprene) when prolonged or frequently repeated contact could occur.
Eyes: Use safety glasses if exposure possible.
General hygiene: When handling do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colour, Odour. Opalescent, light yellow solution.
pH: 9.7
Vapour Pressure: Non-volatile.
Boiling Point: NA
Vapour Density:

Freezing/melting point:	NA
Solubility:	100%
Specific Gravity/Density:	1.165 g/mL
Flashpoint	>100°C
Information for flammable material:	
Viscosity:	
Octanol/water partition coefficient:	NA
Explosive Properties:	Not Explosive.
Oxidation Properties:	Not an Oxidizing Agent

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Excess heat
Materials to avoid:	Oxidizing agents, acids
Hazardous Decomposition	Not known
Products:	
Hazardous polymerization:	Not subject to polymerization
Hazardous reactions:	None expected

11. TOXICOLOGICAL INFORMATION

Ingestion:	Not toxic
Skin:	Not toxic
Inhalation:	Not toxic
Eye:	
Skin irritation:	May cause mild irritation through prolonged exposure.
Eye irritation:	May cause mild eye irritation.
Sensitization:	Not a skin sensitizer.

Chronic toxicity

Mutagenicity:	Not mutagenic.
Reproduction toxicity:	Not a reproductive toxin.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to terrestrial vertebrates.
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13. DISPOSAL CONSIDERATIONS

Methods of disposal:	Dispose of only in accord with all regulations. Ensure that all product is used according to label instructions as the preferred option for disposal. Triple rinse empty container and add rinsate to treatment tank. Recycle container through the Agrecovery programme. Otherwise bury in landfill. Do not contaminate any waterway with chemical or empty container.
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14. TRANSPORT INFORMATION - International transport regulations

UN number:	NA
Class or Division:	NA
Packing Group:	
Marine Pollutant:	NA
Proper shipping name:	

15. REGULATORY INFORMATION

ACVM Registered Number: P9371
HSNO Approval Code: HSR101188

16. OTHER INFORMATION

Additional information: Original Issue Date: 16th September 2016
Revision Date: 9 September 2021
Replaces: ES427

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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