

# SAFETY DATA SHEET

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Propham® 4% Dust  
**UN NUMBER:**  
**PRODUCT USE:** Potato sprout suppressant  
**SUPPLIER:** Contract Packaging and Storage (2021) Limited  
 44 Aerodrome Road  
 Mount Maunganui 3149  
**Telephone:** +64 7 575 8853

**24 HOUR EMERGENCY CONTACT: 0800 764 766 (National Poisons Centre)**

**DATE OF PREPERATION:** 10 May 2022 Revision 1

## Section 2: HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

This product is classified HAZARDOUS as a health hazard according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Not classified as a Dangerous Good according to NZS 5433.

Hazard Classification:  
DANGER

### HAZARD LABELLING WARNING



### HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
6.4A	Eye Irritant	Category 2	Warning	H320 Causes eye irritation.
6.7A	May cause cancer via inhalation	Category 1	Warning	H350: May cause cancer
6.9A/B	Harmful to human target organs or systems	Category 1/2	Warning	H371 May cause damage to organs
9.1D	Ecotoxic in the aquatic environment	Category 4	None	H411 Toxic to aquatic life with long-lasting effects
9.2B	Ecotoxic in the soil environment	None	None	H422 Toxic to soil environment

P102: Keep out of reach of children.

P103: Read label before use.

P202: Do not handle until all safety precautions have been read and understood. Read Safety Data Sheet before use.

P201: Obtain special instructions before use

P260: Do not breathe dust

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P273: Avoid release to the environment.

P281: Use personal protective equipment as required

# SAFETY DATA SHEET

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

### COMPOSITION

NAME	CAS NUMBER	% w/w
Isopropyl phenylcarbamate	122-42-9	<10%
Pumice (sand)	1332-09-8	>80%
Kaolin K (clay)		<10%
Brown bayferrox and yellow bayferrox (dye)	51274-00-1	<1%

## Section 4: FIRST AID MEASURES

### SWALLOWED

If swallowed, wash mouth out with water. DO NOT induce vomiting. Seek medical advice/attention if you feel unwell.

### EYE

If in eyes, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation continues, seek medical attention.

### SKIN

If on skin, wash with water. Remove contaminated clothing and wash before re-use. Seek medical advice if irritations occur.

### INHALATION

If inhaled, remove person to fresh air. If expose or concerned, get medical advice/attention.

## Section 5: FIRE FIGHTING MEASURES

### FIRE HAZARD PROPERTIES

Not flammable

### EXTINGUISHING MEDIA & METHODS

Use appropriate for surrounding materials. Prevent contamination of drains or water ways.

### HAZARDOUS COMBUSTION PRODUCTS

Hazardous decomposition products may be produced.

### RECOMMENDED PROTECTIVE CLOTHING

Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots and gloves) in a confined space.

## Section 6: ACCIDENTAL RELEASE MEASURES

### EMERGENCY PROCEDURES

Spills: Wear PPE. Sweep up spill material. Collect and place in sealable containers for disposal. Do NOT let product reach storm water, sewer drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local government authority.

## Section 7: HANDLING AND STORAGE

### HANDLING

Before use, carefully read the product label and obtain special instructions.

Use of safe work practices are recommended to avoid eye or skin contact.

Wash hands thoroughly after handling.

Do not eat, drink, or smoke when using this product.

Do not breathe dust.

Avoid release to the environment.

# SAFETY DATA SHEET

Use in areas with adequate ventilation.  
Use personal protective equipment as required.

## STORAGE

Store locked up in a cool, dry area. Ensure containers are labelled, protected from physical damage, and tightly closed when not in use. Keep away from children, foods, and animal feeding stuffs.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE CONTROLS

Workplace Exposure Standards (WES) – Data below is for the ingredients, not the final product:

Ingredient	CAS Number	TWA
Crystalline silica (in clay)	14808-60-7	0.1mg/m <sup>3</sup>

### ENGINEERING CONTROLS

Ventilation: Ensure adequate ventilation.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)



### EYE AND SKIN PROTECTION

- Gloves: Use PVC or butyl rubber gloves. The glove must be impermeable and resistant to the product.
- Respirator: Organic vapour respirator or a good quality dusk mask should be worn.
- Safety goggles: Splash resistant safety glasses with side shields or safety goggles (AS/NZ 1337) may be worn
- Other: Overalls and boots may be worn

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	ODOUR	DENSITY AT 20 °C	SOLUBILITY (water)
Brown powder	Not available	Not available	Not available

## Section 10: CHEMICAL STABILITY AND REACTIVITY

### CHEMICAL STABILITY

Stable under normal conditions

### CONDITIONS TO AVOID

Not available

### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous decomposition products may be produced

## Section 11: TOXICOLOGICAL INFORMATION

### EYE

Can cause eye irritation.

### OTHER

May Cause cancer through inhalation.

Causes damage to organs through prolonged or repeated exposure via inhalation.

May cause damage to blood and the hematopoietic system through oral exposure.

### TOXICOLOGICAL DATA

# SAFETY DATA SHEET

Ingredient	CAS Number	Acute Toxicity
Isopropyl phenylcarbamate	122-42-9	LD50: 4.300mg/kg Rat* LD50: 5.000mg/kg Rat** LD50: 3,000mg/kg Mice**

\*Data from CCID.

\*\*Data from client provided SDS, data May 2012

## Section 12: ECOLOGICAL INFORMATION

### ECOTOXICITY

**Persistence in environment:** Not available

**Mobility:** Not available

**Biodegradability:** Not bio accumulative

Ingredient	CAS Number	Crustacean Toxicity	Algal Toxicity	Fish Toxicity	Avian Toxicity
Isopropyl phenylcarbamate	122-42-9	EC50:80mg/L Water flea (48 hour exposure)*	LOEC: 10mg/L Chlorella green algae (96-hour exposure)	LC50: 29mg/L Bluegill (96 hour exposure)* LC50: 32mg/L Bluegill (48 hour exposure)**	LD50: >2,000mg/kg Mallard duck**

\*Data from CCID

\*\* Data from client provided SDS, data May 2012

## Section 13: DISPOSAL CONSIDERATIONS

**Disposal Information:** Product should be disposed of via an authorized waste disposal contractor to an approved waste disposal site. All local and national regulations need to be observed. Used containers must not be cut up or punctured until completely purged of product residues.

## Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good according to NZS 5433:2007

**Proper Shipping Name:** Not available **Marine Pollutant:** Not available

## Section 15: REGULATORY INFORMATION

**HSNO Approval Number:** HSR000781 – approval number for powder containing 40g/kg Propham

All ingredients are listed on the New Zealand Inventory of Chemicals.

## Section 16: OTHER INFORMATION

### Interpretation and Abbreviations

Controls applying to a substance:

- \* denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- ( R ) abbreviation for the term Regulation of the Hazardous Substances regulations



# SAFETY DATA SHEET

AS/NZS 1337	Personal eye-protection
AS/NZS	Joint Australian New Zealand Standard
CAS#	Chemical Abstract Service Number (a unique identifier for chemicals)
CCID	Chemical Classification and Information Database
HASNO	(New Zealand) Hazardous Substances and New Organisms Act
NZS 5433	Transport of Dangerous Goods on Land
TWA	Time Weighted Average
WES	Workplace Exposure Standard

**Date of Preparation/Review:** 10 May 2022

**Sources of key data used to compile the datasheet:**

Manufacturers SDS  
NZ EPA CCID  
Health and Safety at Work (Hazardous Substances) Regulations 2017  
Hazardous Substances (Minimum Degrees of Hazard) Notice 2017  
Hazardous Substances (Safety Data Sheets Notice 2017  
Hazardous Substances (Classification) Notice 2017  
Labelling of Hazardous Substances Technical Guide 2012

**DISCLAIMER**

*The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.*

**END OF SDS**