



# Safety Data Sheet

## Propham 4% Dust

UPDATED: 23 March 2020

### Section 1: SUBSTANCE IDENTIFICATION & SUPPLIER

<b>Product Name:</b>	Propham 4% Dust
<b>Other Names:</b>	
<b>Recommended Use:</b>	Potato sprout suppressant
<b>Company Identification:</b>	Morton Smith - Dawe Limited
<b>Address:</b>	396 Wigram Road, Halswell, Christchurch PO Box 37 - 139 Halswell
<b>Customer Centre:</b>	03 322 8117
<b>National Poisons Information Centre:</b>	0800 POISON ( 0800 764 766)
<b>Emergency Phone Number:</b>	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
<b>Transport Emergency Phone Number:</b>	111 - Tell operator what service is needed: Fire, Ambulance or Police

### Section 2: HAZARD IDENTIFICATION

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

Not classified as a Dangerous Good according to NZS 5433.

<b>Pictograms</b>	
<b>Signal Word:</b>	<b>DANGER</b>
<b>Hazard Classifications:</b>	6.4A, 6.7A, 6.9A, 6.9B, 9.10, 9.2B
<b>Hazard Statements:</b>	Causes eye irritation May cause cancer via inhalation Causes damage to organs through prolonged or repeated exposure via inhalation May cause damage to blood and the hematopoietic system through oral exposure Toxic to aquatic life Toxic to the soil environment
<b>Prevention Statements:</b>	Keep out of reach of children Read label before use Read Safety Data Sheet before use Obtain special instructions before use Do not breathe dust Wash hands thoroughly after handling Do not eat, drink or smoke when using this product Avoid release to the environment Use personal protective equipment as required

### Section 3: COMPOSITION IDENTIFICATION

INGREDIENT	CAS No.	CONTENT
Isopropyl phenylcarbamate	122-42-9	<10%
Pumice (sand)	1332-09-8	>80%
Kaolin K (clay)	-	<10%
Brown bayferrox and yellow	51274-00-1	<1%
Bayferrox (dye)	-	-

### Section 4: FIRST AID MEASURES

<b>First Aid Measures:</b>	New Zealand Poisons & Hazardous Chemicals National Information Centre. phone 0800 POISON - 0800 764 766
<b>Routes of Exposure:</b>	
<b>If in eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>If on skin</b>	Wash with water. Remove contaminated clothing and wash before re-use. Seek medical advice if irritation occurs.
<b>If ingested:</b>	If swallowed, wash out mouth with water. Do not induce vomiting. Get medical advice/attention if you feel unwell.
<b>If Inhaled:</b>	Remove person to fresh air. If exposed or concerned, get medical advice/attention.
<b>Advice to Doctor:</b>	Treat symptomatically.

### Section 5: FIRE FIGHTING MEASURES

<b>Hazard Type</b>	Not applicable (non-flammable)
<b>Hazardous Combustion Products:</b>	Hazardous decomposition products may be produced
<b>Extinguishing Media:</b>	Use appropriate for surrounding materials. Prevent contamination of drains or water ways.
<b>Protective Equipment:</b>	Wear breathing apparatus if in a confined space.
<b>HAZCHEM Code:</b>	None allocated.


### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures:</b>
Wear appropriate protective clothing as detailed in Section 8. Exclude non-essential people from the area.
<b>Environmental precautions:</b>
Prevent spill from entering storm water and sewer drains and watercourses.
<b>Methods and material for containment and cleaning up:</b>
Sweep up split material. Collect and place in sealable containers for disposal.

## Section 7: HANDLING AND STORAGE

<b>Handling:</b>	<p>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 in dust.                      Avoid release to the environment.                      Use in areas if adequate ventilation.                      Use personal protective equipment as required.</p>
<b>Storage:</b>	<p>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.</p>

## Section 8: EXPOSURE CONTROL / PERSONAL PROTECTION

<b>Exposure Limits:</b>	<p><b>Workplace Exposure Standards (WES):</b> Crystalline silica (in the clay)                      CAS Number: 14808-60-7                      TWA: 0.1 mg/m<sup>3</sup>                      Data above is for the ingredients, not the final product.</p>
<b>Personal Protection Equipment:</b>	
	
<b>Engineering Controls:</b>	<p>Ensure adequate ventilation.</p>

## Section 9: PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown powder
<b>Odour:</b>	Not Available
<b>Gravity:</b>	Not Available
<b>Boiling Point:</b>	Not Available
<b>Melting Point:</b>	Not Available
<b>Bulk Density:</b>	Not Available
<b>Flash Point:</b>	Not Applicable
<b>Water Solubility:</b>	Not Available

## Section 10: STABILITY & REACTIVITY

<b>Stability of Substance:</b>	Stable under normal conditions.
<b>Hazardous Decomposition Products:</b>	Hazardous decomposition products may be produced.
<b>Conditions to Avoid:</b>	Not available

## Section 11: TOXICOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	Not Available
<b>Inhalation:</b>	<p>May cause cancer through inhalation.                      Causes damage to organs through prolonged or repeated exposure via inhalation</p>
<b>Eye:</b>	Causes eye irritation.
<b>Other:</b>	May cause damage to blood and the hematopoietic system through oral exposure.

## Toxicological Data

INGREDIENT	CAS No.	Acute Toxicity
Isopropyl phenylcarbamate	122-42-9	LOSO: 4,300mg/kg Rat*
		LOSO: 5,000mg/kg Rat $\mu$
		LOSO: 3,000mg/kg Mice $\mu$

## Section 12: ECOLOGICAL INFORMATION

<b>Persistence in environment:</b>	Not available
<b>Mobility:</b>	Not available
<b>Biodegradability:</b>	Not bio accumulative

## Ecotoxicological Data

Ingredient	CAS Number	Crustacean Toxicity	Algal Toxicity	Fish Toxicity	Avian Toxicity
Isopropyl phenylcarbamate	122-42-9	EC50: 8mg/L Water flea (48 hour exposure)*	LOEC: 1 0mg/L Chiarella green algae (96 hour exposure)*	LC50: 29mg/L Bluegill (96 hour exposure)* LC50: 32mg/L Bluegill (48 hour exposure) $\mu$	LOSO: >2,000mg/kg Mallard duck $\mu$

## Section 13: DISPOSAL INFORMATION

<b>Disposal Method:</b>	Product should be disposed of via an authorised waste disposal contractor to an approved waste disposal site. All local and national regulations need to be observed.
<b>Container Disposal:</b>	Used containers must not be cut up or punctured until completely purged of product residues.

## Section 14: TRANSPORT INFORMATION

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

## Section 15: REGULATORY INFORMATION

<b>EPA Approval Code:</b>	All ingredients are listed on the New Zealand Inventory of Chemicals. HSR000781 - approval number for powder containing 40g/kg propham.
---------------------------	---

## Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown and supersedes all previous versions.

### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS. The information herein is given in good faith, but no warranty, express or implied is made.

Please contact Morton Smith - Dawe, if further information is required.

Issue Date: 23 March 2020

Review Date: 23 March 2025