

SAFETY DATA SHEET

Product Name: Mostox

Issue Date: 23/05/2018

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1. PRODUCT AND COMPANY INFORMATION

Product Name:	Mostox
Synonyms:	
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	
National Poisons Centre:	0800 764 766 (0800 POISON)

2. HAZARDS IDENTIFICATION

Dangerous Goods:	
Packaging Group:	None allocated
Hazardous Substance (HSNO) Codes:	6.1E, 8.1A, 8.2C, 8.3A, 9.1A May be harmful if swallowed. Danger – this product is corrosive to the skin and may cause skin burns. Toxic – may cause skin burns. Toxic – may cause eye damage. Toxic to aquatic organisms.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: For the control of moss and lichen in lawns, paths and other hard surfaces.

Appearance:

Ingredients

Ingredients	CAS #	Content % w/w or w/v
Dichlorophen (sodium salt)	97-23-4	43.2%
Ingredients determined not to be hazardous		50-60%

4. FIRST AID MEASURES

Ingestion: No case of human poisoning due to this product is on record.

Eye Contact: If product gets in eyes wash it out immediately with water for at least 20 minutes. Seek medical advice.

Skin Contact: If skin contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water.

Inhalation: Move person to fresh air and keep at rest until recovered. Apply artificial respiration if necessary.

Notes to Physician: In case of poisoning by any exposure route contact the National Poisons and Hazardous Chemicals Information Centre

5. FIRE FIGHTING MEASURES

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5. FIRE FIGHTING MEASURES

Specific Hazards:	May give rise to dangerous fumes if strongly heated.
Suitable Extinguishing Media:	Carbon dioxide (CO ₂), foam, dry powders, soft jets are preferable to strong jets.
Fire Fighting Advice:	When fighting a major fire wear an air-supplied respirator. Wear protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Spill Clean-up:	<p>Ensure suitable personal protection during removal of spillages.</p> <p>This means wearing eye protection, chemically resistant gloves, boots and overalls.</p> <p>Washings must be prevented from entering surface water drains or waterways.</p>
Minor Spills (Up to 50L):	<p>Keep all bystanders away.</p> <p>Wear goggles, half face-piece respirator with combined dust and vapour cartridge, full length clothing and PVC gloves.</p> <p>Contaminated material must be disposed of in accordance with all local authority requirements.</p> <p>For quantities up to 50L of product bury in a secure approved landfill site.</p>

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6. ACCIDENTAL RELEASE MEASURES

Major Spills (more than 50L):

Keep all bystanders away.

Wear goggles, half face-piece respirator with combined dust and vapour cartridge, full length clothing and PVC gloves.

Contaminated material must be disposed of in accordance with all local authority requirements.

For quantities greater than 50L seek advice from the manufacturer (use emergency contact number) before attempting disposal. Contain in a secure location until disposal method is established.

Decontaminate the spill area with detergent and water and rinse with the smallest volume of water practicable.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes and inhalation of concentrate or spray mist. When using, do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.

Storage:

Store in a cool, dry, well ventilated place and protect from sunlight. Do not store at temperatures below - 10°C.

Store in original container, tightly closed, away from foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

Engineering Controls:

Use in well ventilated areas.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection: Where insufficient ventilation, use suitable respiratory protection.
Solvent resistant gloves.
Chemical goggles/face protection.
Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Strongly alkaline aqueous reddish brown liquid.
Slight, phenolic odour.

Solubility: 30mg/L at 25°C (active ingredient)

Specific Gravity: 1.20 at 20°C

Boiling Point: 177-178°C (active ingredient)

Freezing Point:

Melting Point:

Vapour Pressure: 1.3×10^{-5} mPa at 25°C

Coefficient of Cubic Expansion:

Relative Vapour Density:

Decomposition Point:

Viscosity:

Flash Point:

Electrostatic Generation:

Auto-ignition Temperature:

% Volatile by Volume:

Flammable Limits:

pH Value: 12.0 – 13.5

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9. PHYSICAL AND CHEMICAL PROPERTIES

Evaporation Rate:

Explosion Hazard:

Formula:

Molecular Weight:

Chemical Family:

Other:

Oxidising Agents:

Acids:

Alkalis: Highly alkaline

Salt or Freshwater:

Exposure Standards (TLV-TW):

Engineering Controls:

10. STABILITY AND REACTIVITY

Stability: Stable under standard conditions.

Incompatibility: Incompatible with strong bases, strong oxidizing agents.

Corrosive Properties: Corrosive

Thermal Decomposition: Not applicable

11. TOXICOLOGICAL INFORMATION

General:

Acute Effects

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11. TOXICOLOGICAL INFORMATION

Ingestion:	LD50: rat 2690mg/kg Might cause nausea, vomiting, gastro intestinal colic and diarrhea.
Eye Contact:	Corrosive. Causes irritation.
Skin Contact:	Corrosive. Causes irritation.
Inhalation:	May cause irritation.
Long Term Effects:	None known
Acute Toxicity:	None known
Chronic Toxicity:	None known

12. ECOTOXICITY INFORMATION

Environmental Effects:	No data available
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13. DISPOSAL CONSIDERATIONS

Product Disposal:	Triple rinsing or preferably pressure rinsing containers with water. Add the rinsings to the spray tank. DO NOT dispose of undiluted chemicals on site. Product or unused spray mix should be disposed of according to label instructions.
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13. DISPOSAL CONSIDERATIONS

Container Disposal:

Burning of empty containers if circumstances, especially wind direction, permit is an alternative method. Do not burn unless in a suitable incinerator.

Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

Triple rinse the empty container adding rinseate to the spray tank. Recycle if possible. If allowed under local authority, burn if circumstances, especially wind direction permit, otherwise crush and bury in an approved local authority facility. Do not use container for any other purpose.

14. TRANSPORT INFORMATION

Road and Rail

UN Number:	UN 1760
Dangerous Goods Class:	
Hazchem Code:	2X
Packaging Group:	III
Proper Shipping Name:	Corrosive Liquid
Segregation:	

Marine

UN Number:	UN 1760
Class:	
Packaging Group:	III
Proper Shipping Name:	Corrosive Liquid

Air Transport

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14. TRANSPORT INFORMATION

UN Number: UN 1760

Class:

Packaging Group: III

Proper Shipping Name: Corrosive Liquid

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number: HSR 000444

HSNO Classifications: 6.1E, 8.1A, 8.2C, 8.3A, 9.1A

HSNO Controls: May be harmful if swallowed.
Danger – this product is corrosive to the skin and may cause skin burns.
Toxic – may cause skin burns.
Toxic – may cause eye damage.
Toxic to aquatic organisms.

HSNO Approved codes of Practice: Approved Handlers required at time of use.

16. OTHER INFORMATION

Emergency Contact	24 Hours
Work Hours	National Poisons Centre
Kiwicare Corporation	PO Box 913
225 Maces Road	Dunedin
PO Box 15050	Tel: 0800 764 766 (POISON)
Christchurch	
Tel: (03) 389 0778	
Fax: (03) 389 0669	

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16. OTHER INFORMATION

All Safety Data Sheets are subject to review and should not be left longer than three years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier.

The information in this document should be made available to all who may handle the product

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Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.