

Infosafe No™ VARU8	Issue Date : November 2024	ISSUED by MILESTON
Product Name <b>MOSS-KLEEN</b>		

## Section 1 - Identification

<b>Product Identifier</b>	MOSS-KLEEN
<b>Company Name</b>	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
<b>Address</b>	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
<b>Telephone/Fax Number</b>	Tel: (03) 9450 4555 Fax: (03) 9457 5518
<b>Emergency Phone Number</b>	(03) 9450 4555 Mon-Fri 8am - 6pm
<b>Recommended use of the chemical and restrictions on use</b>	Agent for removing moss etc.

## Section 2 - Hazard(s) Identification

<b>GHS Classification of the Substance/Mixture</b>	Acute toxicity: Category 4 - Oral Skin corrosion/irritation: Category 1B
<b>Signal Word</b>	DANGER
<b>Hazard Statement (s)</b>	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage.
<b>Pictogram (s)</b>	Exclamation mark, Corrosion



<b>Precautionary Statement – Prevention</b>	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement – Response</b>	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P363 Wash contaminated clothing before reuse. P404 Store in a closed container.
<b>Precautionary Statement – Storage</b>	
<b>Precautionary Statement – Disposal</b>	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.
<b>Precautionary Statement – General</b>	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

## Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Other ingredients determined not to be hazardous, including water	N/A	to 100%
	Dialkyl Dimethylammonium Chloride	68424-95-3	10%

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## Section 4 - First Aid Measures

<b>Inhalation</b>	Remove from exposure. Prevent inhaling atomised product. If symptoms persist, seek medical attention.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting. Give a glass of water to be taken slowly. Seek medical advice.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
<b>Eye</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>First Aid Facilities</b>	Eye wash station and normal washroom facilities.
<b>Advice to Doctor</b>	Product contains a quaternary ammonium salt. Contact Poisons Information Centre.

## Section 5 - Firefighting Measures

<b>Suitable Extinguishing Media</b>	Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.
<b>Specific Hazards Arising from the Chemical</b>	Non flammable. Not an explosion hazard.

## Section 6 - Accidental Release Measures

<b>Spills &amp; Disposal</b>	Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be slippery. Absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.
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## Section 7 - Handling and Storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from acids and oxidising agents. Prevent vapours from collecting in low lying or enclosed spaces. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
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## Section 8 - Exposure Controls and Personal Protection

<b>Other Exposure Information</b>	No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).
<b>Engineering Controls</b>	Consider local mechanical exhaust/extraction to keep airborne contamination below TLV. Do not spray on hot metal surfaces.
<b>Personal Protective Equipment</b>	Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- <ul style="list-style-type: none"> <li>If insufficient ventilation, wear suitable respiratory equipment (dust masks when protecting from atomised droplets; half face respirator when protecting from vapour)</li> <li>Safety glasses</li> <li>Gloves, rubber or plastic</li> </ul> Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

## Section 9 - Physical and Chemical Properties

<b>Form</b>	Liquid
<b>Appearance</b>	Clear blue mobile liquid
<b>Odour</b>	Characteristic odour.

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<b>Boiling Point</b>	100C
<b>Solubility in Water</b>	Miscible at all concentrations
<b>Specific Gravity</b>	1.0
<b>pH</b>	7 - 8
<b>Vapour Pressure</b>	No data
<b>Flash Point</b>	None
<b>Flammability</b>	Non flammable.

## Section 10 - Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Incompatible materials.
<b>Incompatible Materials</b>	Oxidising agents
<b>Hazardous Decomposition Products</b>	Emits smoke and fumes when heated to decomposition.

## Section 11 - Toxicological Information

<b>Toxicology Information</b>	No toxicity information is available for this product.
<b>Acute Toxicity - Oral</b>	LD50: Quaternary ammonium salt 266 mg/kg oral, rat
<b>Ingestion</b>	Quaternary ammonium salts are moderately toxic. May cause gastric upset.
<b>Inhalation</b>	An unlikely route owing to the low volatility of major ingredients. However, when spray comes into contact with hot metal surfaces vapour may cause irritation of the throat, coughing and a tight feeling in the chest. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.
<b>Skin</b>	Will have a degreasing effect on the skin which will lead to irritation and skin burns on contact with the concentrate.
<b>Eye</b>	Causes severe burns when in contact with the concentrate.
<b>Chronic Effects</b>	Repeated skin contact with the concentrate may lead to dermatitic effects.

## Section 12 - Ecological Information

<b>Persistence and Degradability</b>	Biodegradable
<b>Mobility</b>	Readily transported by water.
<b>Information on Ecological Effects</b>	Harmful to aquatic life.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## Section 13 - Disposal Considerations

<b>Waste Disposal</b>	Refer to Land Waste Management Authority in your State. Prevent spills entering natural waters.
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## Section 14 - Transport Information

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## Section 15 - Regulatory Information

<b>Poisons Schedule</b>	S6
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Infosafe No™ VARU8      Issue Date : November 2024      ISSUED by MILESTON

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**Australia (AICS/AIIC)**      All components listed.

## Section 16 - Any Other Relevant Information

**Date of Preparation**      12/11/2024

**Literature References**      Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons  
Australian Code for the Transport of Dangerous Goods by Road & Rail  
Globally Harmonised System of classification and labelling of chemicals GHS7  
**Signature of Preparer/Data Service**      Technical manager Tel: (03) 9450 4555

**Technical Contact Numbers**      Emergency Advice All Hours:  
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm  
Poisons Information Centre: 13 11 26 - 24hrs

**Other Information**      This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.  
...End Of SDS...

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