

Infosafe No™ VAR8C	Issue Date : August 2024	ISSUED by MILESTON
Product Name POWERKLEEN		

Section 1 - Identification

Product Identifier	POWERKLEEN
Company Name	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
Address	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
Telephone/Fax Number	Tel: (03) 9450 4555 Fax: (03) 9457 5518
Emergency Phone Number	(03) 9450 4555 Mon-Fri 8am - 6pm
Recommended use of the chemical and restrictions on use	General purpose cleaner and degreaser for use in the automotive industry. Can be used to clean and degrease most hard surfaces.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Eye damage/irritation: Category 2A Skin corrosion/irritation: Category 2
Signal Word	WARNING
Hazard Statement (s)	H315 Causes skin irritation. H319 Causes serious eye irritation.
Pictogram (s)	Exclamation mark



Precautionary Statement – Prevention	P264 Wash contaminated skin thoroughly after handling. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Precautionary Statement – Storage	P404 Store in a closed container.
Precautionary Statement – Disposal	P501 Dispose of contents/container: recycle packaging by replacing cap and returning clean containers to recycler or collection point.
Precautionary Statement – General	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
	2-Butoxyethanol	111-76-2	1-10 %
	Non hazardous surfactants	Mixture	1-10 %
	Disodium metasilicate	6834-92-0	1-10 %
	d - Limonene	5989-27-5	0-2 %
	Other ingredients determined not to be hazardous, including water	N/A	to 100%

Section 4 - First Aid Measures

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Inhalation	Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, obtain medical attention.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product contains alkaline salts and mixed detergent solution. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use water or extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide, oxides of phosphorous. Incomplete combustion may generate carbon monoxide.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present.
Specific Hazards Arising from the Chemical	Not classified as a flammable liquid.

Section 6 - Accidental Release Measures

Spills & Disposal	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and shut off all possible sources of ignition. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise 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 vapour.
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Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities	Store in cool, well ventilated place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Keep away from naked flames and other sources of heat. Do not allow vapours to collect in enclosed spaces. Take precautions against static discharge. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	2-Butoxyethanol			121	25	
Engineering Controls	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.					
Personal Protective Equipment	Avoid contact with the skin and eyes. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- PVC or natural rubber. Chemical goggles or faceshield to protect eyes. Respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and					

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respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.
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

Form	Liquid
Appearance	Red liquid
Odour	Orange/citrus fragrance.
Boiling Point	> 100C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.08
pH	12.0-12.5
Flash Point	None
Flammability	Not flammable.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong alkalis, acids, oxidizing agents.
Hazardous Decomposition Products	Emits smoke and fumes when heated to decomposition.

Section 11 - Toxicological Information

Toxicology Information	No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
Acute Toxicity - Oral	2-BUTOXY ETHANOL: Oral LD50(rat): 470 mg/kg
Acute Toxicity - Dermal	2-BUTOXY ETHANOL: Dermal LD50(rabbit): 220 mg/kg
Acute Toxicity - Inhalation	2-BUTOXY ETHANOL: Inhalation LC50(rat): 450 ppm/4Hr
Ingestion	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
Inhalation	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
Skin	Will degrease the skin and may lead to irritation or dermatitic effects. Product contains a small amount of d-limonene and this ingredient may cause sensitization by skin contact in some individuals. Product contains 2-butoxy ethanol; this ingredient may be absorbed through the skin with resultant toxic effects.
Eye	Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis. Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

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Section 12 - Ecological Information

Ecotoxicity	In large concentrations, this product is detrimental to the aquatic environment.
Persistence and Degradability	Inherently biodegradable.
Mobility	Readily dilutes with water.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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Section 14 - Transport Information

Transport Information	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

Poisons Schedule	S5
Australia (AICS/AIIC)	All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation	26/08/2024
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 MSDS...

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