

SAFETY DATA SHEET

POWERKLEEN

Infosafe No.: VAR8C
ISSUED Date : 04/02/2016
ISSUED by: Milestone Chemicals Pty. Ltd.

1. IDENTIFICATION

GHS 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

Poisons Information Centre Tel 131126

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.

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statement (s)

P102 Keep out of reach of children.

P103 Read label before use.

Pictogram (s)

Exclamation mark


Precautionary statement – Prevention

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and 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 Take off contaminated clothing and wash 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Non hazardous surfactants	Mixture	1- 10 %
Other ingredients determined not to be hazardous, including water	N/A	to 100%
d - Limonene	5989- 27- 5	0- 2 %
Disodium metasilicate	6834- 92- 0	1- 10 %
2- Butoxyethanol	111- 76- 2	1- 10 %

4. FIRST-AID MEASURES

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 contact

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.

5. FIRE-FIGHTING 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.

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 disperse any residual vapour.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational exposure limit values**

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
2- Butoxyethanol		TWA	25	ppm	
2- Butoxyethanol		TWA	121	mg/m3	

Appropriate 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 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.

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.

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.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No adverse health effects are expected, if the product is handled in accordance with this Material 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 - Inhalation

2-BUTOXY ETHANOL: Inhalation LC50(rat): 450 ppm/4Hr

Acute Toxicity - Dermal

2-BUTOXY ETHANOL: Dermal LD50(rabbit): 220 mg/kg

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.

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.

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.

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.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

S5

Australia (AICS)

All components listed.

16. OTHER INFORMATION

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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