



MATERIAL SAFETY DATA SHEET

Product: POWERWASH

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Revision Date: November2006

Hazardous according to criteria of Worksafe Australia

1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

Product Name: POWERWASH
Major Recommended Use: Heavy-duty alkaline degreaser
Company: Auto Klene Solutions Pty Ltd
Address: 1/83 Merrindale Drive, Croydon, VIC, 3136
Telephone Number: 61 (03) 8761 1900
Fax Number: 61 (03) 8761 1955
Email: sales@autoklene.com
Emergency Phone Number: Poisons Information Centre 13 11 26

2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion	Classification
Alkaline Salts		1 – 10%	
Industrial Alcohol	64 – 17 - 5	1 – 10%	
Non ionic surfactant		1 – 10%	
Dye		< 1%	
Water		too 100%	

3 HAZARDS IDENTIFICATION

Hazard Category: Irritant
SUSDP: S5
ADG CLASS: None Allocated

Signs and Symptoms of Exposure (*Acute effects*):

Swallowed: Irritant Can cause nausea, vomiting and stomach pain.
Eye: Contact with eyes can cause mild irritation and discomfort, and may cause conjunctivitis and corneal oedema when absorbed into the tissue of the eye from the atmosphere. Corneal oedema may give rise to a perception of blue haze or fog around lights. This effect is transient and has no known residual effect.
Skin: Low hazard to skin. Prolonged and repeated contact may result in skin sensitisation and dermatitis.
Inhaled: Inhalation of concentrated vapour may cause nose, mouth and throat irritation.
Chronic:

4 FIRST AID MEASURES

Swallowed: Administer 3-4 glasses of milk or water and seek medical advice immediately. DO NOT INDUCE vomiting.
Eye: Immediately flush with plenty of water for at least 15 minutes. Retract eyelids often. Seek medical advice.
Skin: Remove any contaminated clothing and product. Wash skin thoroughly with mild soap and water. Seek medical advice if ill effect or irritation develops.
Inhaled: Not considered applicable, however, if any effects are perceived, move patient to fresh air
Advice to Doctor: Treat symptomatically.
Consult Poisons Information Centre 13 11 26

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5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Presents no known fire or explosive hazards and forms no known hazardous Decomposition products. Treat fire for materials actually involved in the fire.

Special Exposure Hazards (fire fighting): May generate toxic, irritating or flammable combustion products. Sudden reaction with fire may result if product is mixed with an oxidising agent. May generate carbon monoxide gas. Personnel in vicinity and downwind should be evacuated.

Special Fire Fighting Procedures: Fire fighters should wear butyl rubber boots, gloves, and body suit and a self contained breathing apparatus. Water spray should be used to cool intact drums. Prevent runoff from fire control entering waterways.

6 ACCIDENTAL RELEASE MEASURES

Precautions: Eliminate all sources of ignition. Wear protective clothing, boots, gloves, and eye protection.

Methods for Cleaning Up: If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container. Transfer to containers by suction, preparatory for later disposal. Flush area with water spray. Clean up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with vacuum truck.

7 HANDLING & STORAGE

Handling: Avoid contact with skin or eyes. When handling, do not eat, drink, or smoke.

Storage: Store away from strong acid or oxidisers.. Keep in cool, dry ventilated storage and in closed containers.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: Not established for this product.

Engineering Controls: Conventional airflow is generally considered to be acceptable.

Hand Protection: Rubber/PVC gloves while handling or pouring.

Eye Protection: Splash proof eye goggles while handling or pouring.

Skin Protection: Long sleeved clothing while handling or pouring

Flammability: Non-Flammable

9 PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear crimson red coloured Liquid
Smell:	Slight glycol odour
pH:	11.5 – 12.5
Boiling Point (@760mm Hg):	Approx. 100°C
Melting Point:	No data
Flashpoint (°C):	No data
Flammability:	Non-Flammable
Ignition Temperature:	No data
Explosive Properties:	No data
Explosive Limits:	No data
Oxidising Properties:	No data
Vapour Pressure (mm Hg):	No data
Vapour Density:	No data
Solubility in Water:	Infinite
Solubility in Ethanol:	Infinite
Solubility in n-Octanol:	No data
Partition Coefficient n-Octanol/Water	No data
Specific Gravity:	1.03 – 1.05
Per cent Volatiles:	86 - 88%
Volatile Organic Compounds:	No data

10 STABILITY & REACTIVITY

Conditions to Avoid: No data.

Incompatibility (Materials to Avoid): Oxidising agents, Sodium or Calcium Hypochlorite. Reaction with peroxides may result in violent decomposition.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide in a fire. Irritating and toxic fumes at elevated temperatures.

Hazardous Transformation Products: Will not occur.

