

MATERIAL SAFETY DATA SHEET

COMPANY DETAILS: VACSPARE GROUP OF COMPANIES
22 Sarton Road, Clayton, VIC. 3168
VIC: 1800 815 270 NSW: 1800 047 718
QLD: 1800 819 809 STH AUST: 1800 064 404
ABN: 65 004 568 441

Date: 08/03/07

Hazard Statement: Is hazardous according to criteria of Worksafe Australia

Product Name: PULLMAN SURFACE CLEANER

Intended Use: Multi purpose cleaner.

Hazchem Code: 2R

Product Type: Surfactant-Solvent Blend

Poison Schedule: S6

UN Number: 1824

Dangerous Goods: Class 8 Corrosive

Packing Group: II

PHYSICAL PROPERTIES

Specific Gravity: 1.03

Solubility in Water: Soluble

Appearance: Red Thin Liquid

pH (Neat): 12.5-13

Volatiles(% by volume): 75 %

Corrosiveness: Corrosive to aluminium

Melting Point: 100 deg C

Vapour Pressure: Not determined

Flammability Limits: Not Flammable

INGREDIENTS

Chemical	CAS No.	Proportion
Sodiumtripolyphosphate	68987-90-6	1-10 %
Mono Butyl Ether	111-76-2	1-10 %
Sodium Hydroxide	1310-73-2	1-5 %

Other products not regarded as hazardous.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS-Acute

Eye (Contact): Contact with concentrate and strong solutions in liquid or spray mist form can be very corrosive to eyes, cause severe burns. Risk of serious damage to eyes, which may result in permanent eye injury or blindness.

Skin (Contact): Contact with concentrate and can be very corrosive to skin. Causes severe burns.

Inhalation (Breathing): Inhalation of concentrate and strong solutions in spray mist form can produce tissue damage, irritation to mucous membranes of respiratory tract, characterized by coughing choking or shortness of breath.

Ingestion (Swallowing): Ingestion of concentrate and strong solutions can be very corrosive to mouth, oesophagus and stomach. Causes severe burns.

Chronic: Repeated and prolonged exposure to this material will result in severe irritation to the skin and respiratory tract.

FIRST AID - Poisons Information Centre Ph.131 126 Australia wide.

Eye (Contact): Immediately hold eyes open and wash continuously for 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower eyelids. Transport to doctor or hospital without delay. Removal of contact lenses after an eye injury should only be undertaken by trained personnel.

Skin (Contact): Immediately wash contaminated skin thoroughly with plenty of water. Remove contaminated clothing and wash before reuse. Seek medical attention.

Inhalation (Breathing): If inhalation should occur remove from source to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Seek medical attention.

HEALTH HAZARD INFORMATION con.

Ingestion (Swallowing): If swallowed DO NOT induce vomiting. Give a glass of water to drink. Seek immediate medical attention. Have label or Material Safety Data Sheet to show if possible.

First Aid Facilities: Eye wash or running water.

Advice to Doctor: Treat symptomatically. Contact Poisons Information Centre Ph. 131126 Australia wide.

PRECAUTIONS FOR USE

Ventilation: No special measures. Use product in well ventilated areas where appropriate. Application in enclosed spaces should be accompanied by local exhaust so that operators are not exposed to spray mist or vapours. Limit exposure to all chemical products and use safe work practices.

Protective Equipment:

Gloves: Wear natural rubber or alkali resistant gloves at all times while handling product.

Eye Protection: Wear approved safety glasses/goggles when handling concentrate and strong solutions, especially if contact lenses

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are worn. Wear an approved face shield if spraying or foaming on.

Clothing & Other Protective Equipment: Wear adequate clothing to prevent skin contact. In the event of large spills, wear full body clothing (eg long-sleeved shirt, pants, overalls) and alkali resistant footwear. Remove and launder soiled clothing before re-use.

Flammability: Non-flammable, non combustible. No specific ventilation, earthing or flameproofing requirements.

Fire-Explosion Hazard: When subjected to high heat may decompose to form water, carbon monoxide, carbon dioxide and other unidentified organic compounds.

Special Fire Fighting Procedures: If safe to do so remove containers from path of fire. Fire fighters to wear self contained breathing apparatus if in risk of exposure to vapours or products of combustion.

Extinguishing Media: Use water fog or spray, foam, dry chemical, or carbon dioxide for surrounding fires as governed by adjacent materials.

Hazardous Decomposition Products: Not Known.

Toxicity: No toxicity data is available for this material.

EXPOSURE STANDARDS

Exposure Limits:

Name	mg/m3	STEL ppm	mg/m3	ppm	TWA	TWA Footnote	Peak Limitation
Sodium hydroxide							2

Other Exposure Info: No exposure standards have been established for this material by Worksafe Australia, however for the ingredient Sodium hydroxide refer to the Exposure Limits section above.

SAFE HANDLING INFORMATION

Storage & Transport Precautions: Store in a cool dry place, out of direct sunlight. Store away from strong oxidizers and foodstuffs. Store in a tightly closed container in cool well ventilated place out of direct sunlight. This material is a Class 8 Corrosive substance according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 8 - Corrosive Substances are incompatible in placard load with any of the following:

- Class 1, Explosives
- Class 4.3, Dangerous when wet substances
- Class 5.1, Oxidizing agents & Class 5.2-Organic Peroxides
- Class 6, Toxic substances (where the Toxic substances are cyanides)
- Class 7, Radioactive substances

and are incompatible with food and food packaging in any quantity.

Storage regulations: This material is a Scheduled (S6) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.

Handling: Keep out of the reach of children. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced.

Proper Shipping Name: Caustic Alkali Liquid, N.O.S. - (Contains sodium hydroxide and sodium hypochlorite)

Spills & Disposal: Observe safety precautions as outlined in Precautions For Use section above. Mop up (mop or sponge) or wash small spills to drain with excess water. Large spills should be contained and collected, or absorbed onto inert material (eg sand, earth or vermiculite) and placed in clean, labeled plastic or plastic lined container for disposal. Wash area thoroughly with water accompanied by suitable neutralizing agents such as sodium metabisulphite or sodium thiosulphate and ensure surface is not slippery afterwards. Re-use spilled material if possible. For small quantities, flush down sink or toilet. Otherwise fully absorb onto solid substrate and place in plastic container prior to disposing through normal commercial refuse system or at a waste landfill. Consult local council dumps or the manufacturer for proper disposal method in your area in the event of a major spill. Suitable for incineration by approved agent.

WARNING: Causes severe burns. Risk of serious damage to eyes. Keep out of reach of children. Do not breathe gas/fumes/vapour/spray. Very corrosive, Irritant.