



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

POWERCLEAN 40

Recommended Use: Cleaner / degreaser.

Product Code: 801

MASTER AUSTRALIA PTY LTD (A.B.N. 66 092 483 880)

Postal Address: 45 Marrickville Rd, Marrickville, NSW 2204

Telephone Number: (02) 9550 5800 Facsimile: (02) 9550 5876

Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Section 2: HAZARDS IDENTIFICATION

Not classified as hazardous by the criteria of NOHSC.

Section 3: COMPOSITION INFORMATION

<u>Ingredient</u>	<u>CAS No</u>	<u>Proportion</u>
Non-hazardous ingredients	-----	To 100%
Sodium metasilicate*	6834-92-0	<10%
Sodium tripolyphosphate	7758-29-4	<10%

* actual concentration less than 5%.

Section 4: FIRST AID MEASURES

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water.
Inhalation(Breathing)	Apply artificial respiration if not breathing.
Ingestion (Swallowing)	Do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
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Hazards from combustion products	May emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Precautions for fire fighters and special protective equipment	Fire fighters should wear self contained breathing apparatus (SCBA) and full protective clothing.
Additional information	None

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable.
Methods and materials for containment and clean up	Clear area of all unprotected personnel. Wear full protective equipment to prevent skin and eye contact. Collect in an appropriate container or absorb with an inert material (eg vermiculite, dry sand, earth), and place in a chemical waste container.

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed. Check regularly for spills and leaks. Protect against physical damage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards - Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>TWA</u>	<u>STEL</u>
None available			

Biological limit values	Not available.
Engineering controls	Ensure adequate ventilation to keep airborne concentrations below exposure standards.
Personal protective equipment	Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact. Skin protection – Use impervious gloves and chemical resistant shoes to prevent skin contact. Respiratory protection – Respirator is not usually necessary but if product is being used in a confined area or where vapour/mist is a problem, use a respirator with inorganic vapour filter.



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid	Boiling Point:	Greater than 100°C
Odour:	Characteristic	Freezing Point:	Less than 0°C
pH:	12 - 14	Solubility:	Soluble in water

Vapour Pressure: Not available
Vapour Density: Not available

Specific Gravity: 1.03 – 1.05
Flammable information: Not applicable

Section 10: STABILITY AND REACTIVITY

Chemical stability Stable under normal ambient storage conditions.

Conditions to avoid Avoid high temperatures (store below 30°C). Protect against physical damage.

Incompatible materials Incompatible with strong acids.

Hazardous decomposition products None known.

Hazardous reactions None known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed Considered an unlikely route of entry in commercial / industrial environments. The liquid is discomforting to the gastrointestinal tract. Ingestion can cause nausea and vomiting.

Eye Pain, irritation and reddening may occur.

Skin May cause irritation.

Inhaled No effects known.

Chronic

Swallowed No effects known.

Eye No effects known.

Skin No effects known.

Inhalation No effects known.

TOXICITY DATA

Sodium metasilicate	LD ₅₀ 1153mg/kg (oral, rat)	RTECS VV9275000
Sodium tripolyphosphate	LD ₅₀ 3120mg/kg (oral, rat)	RTECS YK4570000

Section 12: ECOLOGICAL INFORMATION

Not expected to be ecotoxic.
 Biodegradability data not yet available.

Section 13: DISPOSAL CONSIDERATIONS

Refer to state/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 5 – CAUTION.

WARNING – Strongly alkaline.

SAFETY DIRECTIONS – Avoid contact with eyes. Avoid contact with skin.

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

Prepared by:
Date

K. Duncum
18 January 2006

Position: Regulatory Compliance Technician

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