



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

POWERCLEAN 40

Recommended Use: Cleaner / degreaser.

Product Code: 801

MASTER AUSTRALIA PTY LTD (A.B.N. 45 142 705 762)

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 Safe Work Australia.

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%

* actual concentration less than 2.5%.

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.
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 (e.g. 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 an organic 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	Specific Gravity:	1.03 – 1.05
Vapour Density:	Not available	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
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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 skin and eyes.

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

Section 16: OTHER INFORMATION

Issue Date: 19th April, 2010

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