

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

PASAC

Recommended Use: Machine descaler and neutraliser.
Product Code: 160137 (2x5L), 160136 (2x5L-wide neck).



Whiteley Medical

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Web: www.whiteley.com.au
Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

Dangerous Goods Class 8 - Corrosive.

R36/38: Irritating to eyes and skin.
S24/25: Avoid contact with eyes and skin.
S61: Avoid release to the environment.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
Sulphamic acid*	5329-14-6	10-<30%

* the actual amount of this ingredient is less than 20%.

Section 4: FIRST AID

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. Seek medical attention.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water.
Inhalation(Breathing)	Not volatile at room temperatures.
Ingestion (Swallowing)	Rinse mouth with water. Give water to drink provided victim is conscious. DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically based on individual reactions of patient and judgement of doctor
First Aid Facilities	Ensure an eye bath and a safety shower is available and ready for use.

Additional Information No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO₂ or water spray.

Hazards From Combustion Products Fire or heat may produce irritating or poisonous gases including carbon dioxide, carbon monoxide and oxides of nitrogen and sulphur.

Precautions For Fire Fighters and Special Protective Equipment Firefighters must wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure spillage does not enter drains or water courses. Remove from the vicinity containers not involved in the fire.

Additional Information **Hazchem Code** – 2X

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide (Guide 37) – for large volumes.

Spills / Clean up For small volumes (approximately less than 1L) - Clean up personnel should wear full protective clothing. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as toweling, sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.
Any non-intended or non-authorized use of this product may result in severe 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 Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

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

Ingredient

CAS No

ES-TWA

ES-STEL

None known

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 nitrile rubber gloves to prevent skin contact. Respiratory protection – Respirator is not usually necessary.



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear red liquid	Boiling Point Not available
Odour Mild	Freezing Point Not available
pH <1	Solubility Soluble in water.
Specific Gravity 1.10	Flash Point Not available.
Vapour Pressure Not Available.	Upper and Lower Flammability limits (in air) Not available.
Vapour Density Not Available.	Ignition Temperature Not available.

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 chlorine, strong bases and strong oxidising agents.
Hazardous decomposition products	None known.
Hazardous reactions	Not known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed	Considered an unlikely route of entry in commercial / industrial environments. May cause tissue damage in the mouth, throat and stomach. Causes irritation of the mucous membranes in the mouth, pharynx and gastro intestinal tract. May cause sore throat, vomiting and diarrhoea.
Eye	Causes irritation. Pain, reddening, burns and possible eye damage may occur.
Skin	Causes irritation, redness and pain on contact with skin. May cause severe burns.
Inhaled	Inhalation of mist may cause irritation and burning sensation in the respiratory tract.

Chronic

Swallowed	No effects known.
Eye	No effects known.
Skin	No effects known.
Inhalation	No effects known.

TOXICITY DATA

Sulphamic acid

LD₅₀ 1312mg/kg (oral, mouse)

RTECS WO5950000

Section 12: ECOLOGICAL INFORMATION**Ecotoxicity** Not available.**Persistence and degradability** Not available.**Mobility** Not available.**Section 13: DISPOSAL CONSIDERATIONS**

Disposal method Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.

Special precautions Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1760
UN Proper Shipping Name	CORROSIVE LIQUID, N.O.S.
Class and subsidiary risk	8 – Corrosive
Packing Group	III
Special precautions for user	Not applicable
Hazchem Code	2X

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): schedule 6 – POISON.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

Date of preparation: 15th August 2013

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