

MATERIAL SAFETY DATA SHEET

This product is classified as a Non Hazardous Substance according to criteria of NOHSC Australia

1. IDENTIFICATION OF THE MATERIAL

Product Name: 124C Ultrasonic Cleaning Solution
Other Names; Mildly Alkaline Salts solution,
Product Code: 124C
Supplier: GSB Chemical Co. Pty. Ltd Telephone: +61 03 9457 1125
ACN 004 355113 Facsimile: +61 03 9459 7978
84 Camp Road Internet: <http://www.gsbchem.com.au>
Broadmeadows Vic. 3047 e-mail: info@gsbchem.com.au

Major Uses and Methods of Application: Ultrasonic bath cleaning solution.

2. COMPOSITION

	CAS No.	Proportion
Water	7732-18-5	> 60 % w/w
Trisodium Polyphosphate	7758-29-4	< 10 % w/w

3. HAZARDS IDENTIFICATION

This material is non hazardous

Poisons Schedule S5 and must be stored, maintained and used in accordance with the relevant regulations.

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 131126, New Zealand 0800 764 766)

Swallowed: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink.
Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Eye: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and seek medical assistance

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist

Advice to Doctor: Treat symptomatically

5. FIRE FIGHTING MEASURES

Product Name: 124C Ultrasonic Cleaning Solution

Specific hazards: Non-combustible material.

Fire fighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well ventilated place and out of direct sunlight. Store below 30°C. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE AND PERSONAL PROTECTION

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

Personal Protection:

None established, however wearing of personal protection is recommended Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing

Eye protection: Safety glasses, goggles or face shield as required

Hand Protection: PVC, neoprene or nitrile rubber gloves should be suitable for intermittent contact

Footwear: Rubber boots

Engineering Controls: Use only in well ventilated areas. Keep containers closed when not in use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow liquid. Characteristic odour
Boiling Point:	100°C
Vapour Pressure:	33 mm Hg @ 20°C
Specific Gravity:	1.1 @20°C
Flash Point:	Non flammable
Explosive Limits:	Not available
Solubility in water:	soluble
% Volatiles by volume:	>90 %
pH:	9

10. STABILITY AND REACTIVITY

Product Name: 124C Ultrasonic Cleaning Solution

Chemical stability: This material is stable when stored and used as directed.
Conditions to avoid: No information available.
Incompatible Materials: The ingredient sodium silicate is corrosive to metals, aluminium, tin, lead and iron.
Hazardous decomposition products: No information available.
Hazardous reactions: No information available.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects
Inhalation: Material may be irritant to mucous membranes and respiratory tract.
Skin contact: Contact with skin will result in irritation.
Eye contact: An eye irritant.
Ingestion: Swallowing can result in nausea, vomiting and abdominal pain.
Long Term Effects: No information available for product.
Acute toxicity / Chronic toxicity
No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.
Ecotoxicity: No information available.
Persistence and degradability: No information available.
Mobility: No information available.

13. DISPOSAL

Refer to State/Territory Land Waste Management Authority.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
MARINE TRANSPORT
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
AIR TRANSPORT
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Poisons Schedule S5
Hazard Category: Non Hazardous

16. OTHER INFORMATION

Contact: Technical Manager
 Telephone (03) 94571125

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