

FAST- FIX UK LTD
PRODUCT SAFETY DATA SHEET

1. Identification of the Substance/Preparation & Supplier.

Supplier: FAST- FIX UK Ltd., Fernhills Business Centre, Todd St Bury Lancs. BLO 9ER

Internet: www.fastfixuk.co.uk e-mail info@fastfixuk.co.uk Tel. (0161 797 3055 Fax: (0161 761 5214

Product Name: MEM-CLEAN Cleaner Concentrate T629

Product Type: UF Membrane cleaner.

2. Composition/Information on Ingredients.

Hazardous component:	Cas No.	Index	Risk Phrases:	Concentration:
Sodium Hydroxide	1310-73-2	C	R35	<10%
Surfactant		Xi	R36/38	10-20%
Sequesterant	5064-01-2	Xi	R36/38	>5%
Ammonia Solution	1336-21-6	C, Xi	R34,R37	<5%

3. Hazards Identification.

Classified as Corrosive under CHIP regulations.

4. First Aid Measures.

Eye Contact: Flush with plenty of clean water for at least 15 minutes. Obtain medical attention.
Skin Contact: Wash off with water. The application of skin reconditioning(emollient) cream, can be beneficial.
Inhalation: Remove to fresh air, if symptoms persist, seek medical advice.
Ingestion: If accidentally swallowed, seek urgent medical advice. Keep at rest, DO NOT induce vomiting.

5. Fire Fighting Measures:

Flammability: Not combustible on account of its water content. May evolve noxious fumes in a fire.
Extinguishing Media: Foam, Dry Powder,Co2, Halon, fine water spray suitable.
Protective Equipment: Standard protective equipment
Special Considerations: Fire fighters should enter area wearing breathing apparatus.

6. Accidental Release Measures.

Do not allow product to soak into drains or water courses. Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery.

7. Handling and Storage.

Storage Precautions: Store between 0-35°C. Keep in tightly closed, containers. Protect from frost.
Handling: Avoid contact with skin and eyes. Observe good standards of industrial hygiene.
Avoid inhalation of vapour and spray mist.

8. Exposure Controls/Personal Protection.

Ingredient Name	OES/MEL	8hr TWA	10 MIN STEL
Sodium Hydroxide	OES	-	2mg/m3
Ammonia	OES	25ppm	35ppm

Respiratory Protection: Unlikely to be necessary where adequate ventilation is provided.
Eyes: Chemical eye goggles should be worn. Use face shield.
Hand: PVC or rubber gloves are recommended.
Skin: Use protective clothing. Remove contaminated clothing and wash with soap and water.
Exposure Limits: Provide adequate ventilation to ensure the airborne concentration of substances to which an OES/MEL has been assigned is below that OES/MEL.

9. Physical and Chemical Properties.

Appearance	Pale Amber Fluid	Specific Gravity @ 20°C	1.20 typical
Odour	Ammoniacal	pH Neat	13.50 typical
pH @ 2% in tap water	13.00 typical	Boiling Point	100°C
Freezing Point	0°C	Vapour Pressure	Water=18mm Hg
Water Solubility	Totally soluble		

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10. Stability and Reactivity.

Stability: Stable under normal conditions.
Hazardous Decomposition: Combustion can produce a variety of compounds including oxides of carbon, water vapour and unidentified organic and inorganic compounds, some of which may be toxic.
Conditions to Avoid: Naked flames, hot surfaces, other high temperature sources. Strong oxidising agents.

11. Toxicological Information.

Ingredient Name	LD50(Animal/Oral)
Sodium Hydroxide	0.5g/kg (Rabbit)
Ammonia	350mg/kg (Rat)

Eyes: Causes irritation and burns.
Skin: Exposure to the skin likely to cause strong irritation. Prolonged and persistent contact could lead to dermatitis through skin defatting.
Inhalation: Likely to cause irritation to respiratory system. Mists will cause irritation to eyes and respiratory tract.
Ingestion: Causes severe irritation & burns of the mouth, throat and digestive tract.

12. Ecological Information.

There is no data available on the product itself.
The components of the product exhibit good to poor biodegradability and readily broken down by sewage treatment plants. Sodium Hydroxide is lethal to aquatic life if the pH of the water rises to 10.0 or more.

13. Disposal Recommendations.

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations.
Dispose of empty containers in accordance with local and national regulations.
Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

14. Transport Information.

UN No. 1719	Tremcard: 80G12	Hazard: Corrosive	Packing Group III	Class 8
Proper Shipping Name: Caustic Alkali Liquid Nos		ADR Item No: 42 ^o (c)	HI No: 80	
IMDG Page: 8136	EmS No: 8-06	MFAG No: 705		

15. Regulatory Information.

Label for Supply:	Corrosive.
Hazard Symbol:	C
Risk Phrases:	R35 Causes Severe Burns
Safety Phrases:	S2: Keep out of reach of children.
	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
	S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

16. Other Information.

Do not mix with other chemicals.
The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations, Directive 93/112/EC.
This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Legal Disclaimer:

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.