

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Automatic Dishwasher Liquid
Supplier: Chemical Solutions
42 Kennel Lane
Fetcham
Surrey KT22 9PJ
0870 2408893

2 INFORMATION ON INGREDIENTS

Product Description: Alkaline liquid containing sequestering agents, sodium hydroxide and wetting agents.

Hazardous Ingredients:

Material or Component	CAS No:	%	Symbol	Risk Phrase
Trisodium Nitrilo Triacetate	5064-31-3	10-15	Xi	36/38
Sodium Hydroxide	1310-73-2	5-10	C	35

3 HAZARDS IDENTIFICATION

Corrosive C: May cause severe burns

4 FIRST AID MEASURES

Eyes: Flush out eyes with plenty of water forcing eyelids open if necessary. Obtain immediate medical attention.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water and obtain medical attention if irritation persists.

Inhalation: Remove to fresh air at once if affected. Obtain immediate medical attention if discomfort continues

Ingestion: Rinse our mouth thoroughly. Do not induce vomiting. Give drinks of water or milk and obtain medical attention immediately. NEVER give drinks or induce vomiting in an unconscious person.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable

Protective Equipment: Wear breathing apparatus

Further Information: If it can be achieved safely remove container from fire area. Cool with water to disperse vapours.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Protective overalls, safety goggles and chemical resistant gloves.

Environmental Precautions: Wash spillage area with plenty of water. Flush washings to a sewerage treatment system. Spillages or uncontrolled discharges into water course must be alerted to National Rivers Authority.

Spillages: Flush small spills away to a foul sewer with plenty of water. Large spills should be absorbed into sand or other absorbent material. Transfer to a container for disposal according to local regulations.

7 HANDLING AND STORAGE

Handling: Wear recommended protective equipment. DO not mix with other chemicals.

Storage: Store in cool place away from light in the original clearly labelled container. Keep tightly closed. Keep away from acids and acidic products.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Take measures to prevent eye/skin contact and ingestion. Wear gloves, goggles or face shield.

Hazardous Ingredient	CAS NO	STD	LT Exp 8 Hrs	St Exp 15 min
Sodium Hydroxide	1310-73-2	OES	No std	2 mg/m3

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Straw coloured liquid
Odour	faint
pH Value	13
Boiling Range	100
Melting Point	N/A
Flash Point	Boils without flashing
Auto ignition temp	N/A
Vapor pressure @ 20oC	No data
Relative Density	1.18+/- 0.02
Solubility	Completely soluble

10 STABILITY AND REACTIVITY

Conditions to Avoid	Freezing
Materials to Avoid	Acids, aluminium, zinc, tin or ammonium salts
Hazardous Decomposition	Much heat is produced when mixed with concentrated acids. Ammonia is released from ammonium salts. Flammable hydrogen gas is produced from contact with aluminium, zinc or tin.

11 TOXICOLOGICAL INFORMATION

Eye Contact:	Causes severe burns and severe damage and loss of sight may occur
Skin Contact:	Causes severe burns
Ingestion	Causes severe burns. May cause burns in the mucous membrane, throat, oesophagus and stomach. Swallowing concentrated chemical may cause severe internal injury
Inhalation	Vapour may irritate respiratory system

12 ECOLOGICAL INFORMATION

Biodegradability	Fully biodegradable
Toxicity	Non toxic
Effect on Effluent Treatment	Little or no effect
Mobility	N/A

13 DISPOSAL CONSIDERATIONS

Product:	No special disposal method required. Dilute with plenty of water
Packages	Dispose of in accordance with waste disposal regulations

14 TRANSPORT INFORMATION

Classification	Corrosive Class 8
UN Number	1719
UN shipping Name	Caustic Alkali Liquid, mixture nos (contains sodium hydroxide)
ADR/RID	8: Corrosive substance
ADR/RID Item	80 Corrosive or slightly corrosive substance
IMDG Pacakaging	11
IMDG Class	8

15 REGULATORY INFORMATION

EEC	Corrosive C
Risk Phrases	R35. Causes severe burns
Safety Phrases	S2 – keep out of reach of children S24/25: Avoid contact with skin and eyes S26: In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice. S36/37/39: Wear suitable gloves and eye/face protection S46: If swallowed wash out mouth and seek medical attention immediately, showing the container

16 OTHER INFORMATION

this data sheet was prepared in accordance with Directive 91/155/EEC
Conforms to CHIP 3 (2002)
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