



SHORROCK TRICHEM MATERIAL SAFETY DATA SHEET



1CC CONC AUTO WASH (MAC-DET)

1: Material Type Concentrated Dishwash Detergent **PRODUCT CODE AW115CONC & AW115CONC/B**

2: COMPOSITION

Substance	Einecs	CAS No.	% w.w	Symbol	Risk Phrase
Trisodium Nitrilotriacetate		5064-31-3	10-30%	Xn Xi	R22 R41
Sodium Hydroxide	215-185-5	1310.73.2	10-30%	C	R35
Sodium Silicate		2344-09-8	<10%	Xn C	R20/21/22 R34
Nitrilotris(Methylene)Trisphosphonics Acid		6419-19-8	<10%	Xi	R36

3: HAZARD IDENTIFICATION

Main Hazards:
Causes severe burns. Risk of serious damage to eyes.

4: FIRST AID MEASURES

Ingestion: Symptoms
There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting.
Action: Do not induce vomiting, Give 1 cup of water to drink every 10mins. Transfer to hospital as soon as possible.

Skin: Symptoms
Irritation or pain may occur at the site of contact. Blistering may occur. Sever burns may occur.
Action: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10mins or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eyes: Symptoms
There may be irritation and redness. The eyes may water profusely. Corneal burns may occur
Action: Bathe the eye with running water for 15mins. Transfer to hospital for specialist examination.

Inhalation: Symptoms
If product is sprayed, irritation of respiratory tract may be caused as a result of breathing in spray mist.
Action: Remove casualty fro exposure ensuring one's own safety whilst doing so If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is ok, place in the recovery position. If conscious, ensure the casualty sits or lie down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5: FIRE FIGHTING MEASURES

Extinguishing Media:
The product is non-combustible appropriate extinguishing media for surrounding area should be used in fire situations.

Exposure hazards:
Corrosive. In Combustion emits toxic fumes.

Protection of fire-fighters:
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

6: ACCIDENTAL RELEASE MEASURES

Personal precautions:
Mark out the contaminated area with signs and prevent access to unauthorised personnel. Refer to section 8 of SDS for personal protection details.

Environmental precautions:
Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.

Clean-up procedures.
Wash away spillage residues to foul sewer

7: HANDLING AND STORAGE

Handling requirements:
Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Storage conditions:
Store in cool, well ventilated area, Keep container tightly closed.

8: EXPOSURE CONTROLS

Engineering measures: Ensure there is sufficient ventilation of the area. Sodium Hydroxide OEL: 2mg/m3 (15 min STEL)

Respiratory Protection If OEL(s) listed above are exceeded, respiratory protection may be required.

Hand Protection: Protective gloves,

Eye Protection: Safety goggles. Face-shield. Ensure eye bath is to hand

Skin Protection Protective clothing with elasticated cuffs and closed neck. Boots made of PVC

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9: PHYSICAL & CHEMICAL PROPERTIES		10: STABILITY & REACTIVITY	
<p>State; Liquid Colour: Colourless pH 14 Oxidising: Non-oxidising (by EC criteria) Solubility in water Soluble Odour Odourless Relative Density @ 20OC: 1.1</p>	<p>Stability: Stable under normal conditions</p> <p>Materials to avoid: Strong acids, Strong oxidising agents.</p>		
		11: TOXICOLOGICAL INFORMATION	
		<p>Effects of exposure: Causes severe burns to eyes and skin. If ingested causes severe internal irritation and damage. May causes severe eye irritation</p> <p>Ingredient: SODIUM HYDROXIDE IPR MUS LD50 40mg/kg</p>	
		12: ECOLOGICAL INFORMATION	
		<p>Mobility: Soluble in Water</p> <p>Other adverse effects: Should not be discharged directly in concentrated form to water courses. A rise in the pH of water 10.5 or above may be fatal to fish and other aquatic organisms.</p>	
		13: DISPOSAL CONSIDERATIONS	
		<p>Waste disposal: Flush waste to foul sewer</p> <p>NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal</p>	
14: TRANSPORT INFORMATION			
<p>ADR/RID UN No: 3266 ADR/RID Class: 8 Hazard ID No: 80 Labelling: 8 Shipping Name: CORROSIVE LIQUID,BASIC,INRGANIC,N.O.S</p>	<p>IMDG / IMO UN no: 3266 Class: 8 Packing group: II EmS: F-A,S-B Marine Pollutant: - Labelling: 8</p>		
<p>IATA / ICAO Un no: 3266 Class: 8 Packing Group: II Packing Instructions: 812 Quantity: 30 L Labelling: 8</p>			
15: REGULATORY INFORMATION			
<div style="display: flex; align-items: center;"> <div> <p>Hazard symbols Corrosive</p> <p>Risk Phrases: R35 Causes severe burns R41 Risk of serious damage to eyes</p> <p>Safety Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S36/37/39 Wear suitable protective clothing, gloves and eye / face protection S45 In case of accident or if you feel unwell, seek medical immediately (Show the label where possible)</p> <p>Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.</p> </div> </div>			
16: OTHER INFORMATION			
<p>Additional information: Always use in accordance with manufacturer's directions</p> <p>Risk phrases used in s.2: R22 Harmful if swallowed R41 Risk of serious damage to eyes R35 Causes severe burns R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R34 Causes burns R36 Irritating to eyes</p> <p>Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.</p>			
Company: Shorrock Trichem Ltd		Address: Chanters Industrial Estate	
Revision Date: March 2005		Atherton, Manchester	
Revision No: 3		M46 9SD	
Material / Trade Name 1CC CONC AUTO WASH (MAC-DET) AW115CONC		Tel No: 01942 875325	