

**SAFETY DATA SHEET  
AUTOSCAN BLUE**



1. PRODUCTS & COMPANY SPECIFICATION				
<b>Trade Name</b>	AUTOSCAN BLUE			
<b>Manufacturer/Supplier</b>	Kilco Broomhouses 2 Industrial Estate, Old Glasgow Road Lockerbie, Dumfriesshire. DG11 2SD		<b>Phone No</b>	+44 (0) 1576 205480
			<b>Fax Number</b>	+44 (0) 1576 205483
			IN AN EMERGENCY DIAL 999	
2. COMPOSITION / INFORMATION ON THE COMPONENTS				
<b>Product Description</b>	Caustic liquid			
<b>Component</b>	<b>CAS No.</b>	<b>% Inclusion</b>	<b>Symbol(s)</b>	<b>R phrases</b>
Sodium hydroxide	1310-73-2	<50%	C	R35
Potassium hydroxide	1310-58-3	<25%	C	R22, 35
3. HAZARD IDENTIFICATION				
<b>Main Hazards</b>	Corrosive- can cause severe burning. Harmful if swallowed.			
4. FIRST AID MEASURES				
<b>First Aid</b>				
<b>Eyes</b>	Speed is essential. Immediately flood the eye with plenty of water and Boric Saline solution for at least 15 minutes, holding the eye open. Obtain medical attention urgently.			
<b>Skin</b>	Immediately flood the skin with large quantities of water, preferably under a shower. Continue washing for at least 10 minutes. Remove contaminated clothing as washing proceeds.			
<b>Ingestion</b>	Wash out mouth with water. DO NOT induce vomiting. Seek medical advice immediately and show this document.			
<b>Inhalation</b>	Remove from exposure.			
<b>Health Effects</b>				
<b>Eyes</b>	Contact with eyes can cause severe damage.			
<b>Skin</b>	Material will cause chemical burns.			
<b>Ingestion</b>	Causes severe damage to mucous membranes or deeper tissues.			
<b>Inhalation</b>	Dust or concentrated mist may cause damage to the upper respiratory tract.			
5. FIRE FIGHTING MEASURES				
<b>Extinguishing Media</b>	Normal Extinguishing Media.			
<b>Protective Equipment for Fire-Fighting</b>	Fire fighters require the necessary personal protective equipment for corrosive chemicals.			
6. ACCIDENTAL RELEASE MEASURES				
<b>Personal Precautions</b>	Wear appropriate protective clothing, approved respirator, gloves, goggles etc.			
<b>Environmental Precautions</b>	Prevent the material from entering drains or watercourses.			
<b>Spillages</b>	Small spillages may be flushed with large quantities of water. Large spillages should be collected for disposal. Contain and absorb using earth, sand or other inert material. Finally flush area with plenty of water.			
7. HANDLING & STORAGE				
<b>Handling</b>	Wear recommended personal protective equipment. Ensure thorough ventilation of stores and wash areas.			
<b>Storage</b>	Store in a dry, well ventilated area out of direct sunlight. Store away from sources of heat or ignition and keep away from acids and ammonia solutions.			
8. EXPOSURE CONTROLS / PERSONAL PROTECTION				
<b>Occupational Exposure Standards</b>	<b>Long Term</b>	<b>Short Term</b>		
Sodium Hydroxide	2 mg/m <sup>3</sup>			
Potassium Hydroxide	2mg/m <sup>3</sup>			
<b>Hand Protection</b>	PVC or rubber gloves.			
<b>Eye Protection</b>	Chemical goggles or face shield.			
<b>Body Protection</b>	Wear: PVC or other impermeable suit. PVC or rubber boots.			

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<b>9. PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>Physical State</b>	Liquid.
<b>Colour</b>	Clear
<b>Specific Gravity</b>	1.1 to 1.2
<b>10. STABILITY &amp; REACTIVITY</b>	
<b>Stability</b>	Stable when stored under recommended conditions away from direct sunlight and heat.
<b>Conditions to Avoid</b>	Excessive heat.
<b>Materials to Avoid</b>	Zinc or aluminium surfaces.
<b>Hazardous Decomposition Products</b>	Hydrogen.
<b>11. TOXICOLOGICAL INFORMATION</b>	
None	
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Persistence/Degradability</b>	The product is readily biodegradable.
<b>Bio-accumulation</b>	Product is not expected to bioaccumulate
<b>13. DISPOSAL</b>	
<b>Product Disposal</b>	Dispose of in accordance with all applicable local and national regulations.
<b>Container Disposal</b>	Where possible, containers should be rinsed with clean water and disposed of in line with local regulations.
<b>14. TRANSPORT INFORMATION</b>	
<b>TRANSPORT BY ROAD</b>	Rail/Road (RID/ADR)
<b>Transport denomination</b>	Caustic Alkali Liquid N.O.S (Contains Sodium hydroxide, Potassium hydroxide)
<b>Class</b>	8
<b>UN Number</b>	1719
<b>Packing Group</b>	II
<b>15. REGULATORY INFORMATION</b>	
<b>Labelling</b>	Corrosive
<b>Symbol (s)</b>	C
<b>Risk Phrases</b>	
R35	Causes severe burns.
<b>Safety Phrases</b>	
S2	Keep out of the reach of children.
S26	In case on 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 advice immediately (show the label where possible).
<b>16. OTHER INFORMATION</b>	
<p>The safety data sheet is additional to the technical data sheet but does not replace it. The information given herein is to the best of our knowledge correct and given in good faith. It relates to the product in the state in which it is delivered. This product is for the uses specified and should only be used for those purposes. Any other use may involve risks. The user will take sole responsibility for the precautions relating to the use of the product. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.</p> <p>Kilco is the trading name of Ace Chemicals Ltd. Registered Office: Waterfront Plaza 8 Laganbank Road Belfast BT1 3LR Registration number: NI30625</p>	
<b>SDS date revised</b>	13.02.2004
<b>Replaces SDS issued</b>	04.12.2001