

**MATERIAL SAFETY DATA SHEET**

according to EU Directive 93/112/EC

**ULTRA FLOW 2000 (CONCENTRATE)**

Version: 2

Print date: 24.5.04

**1. Identification of Substance/Preparation and Company**

Product Name Ultra flow 2000 (Concentrate)  
Company Biokil Crown Ltd  
7 Stadium Ind Park, Long Eaton  
Nottingham, NG10 2DD  
Telephone 0115 946 0060  
Fax 0115 946 9767  
Emergency Telephone 07967 10 71 95

**2. Composition / Information on ingredients**

Description:	An aqueous solution of Potassium methyl siliconate			
Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Potassium Methyl Siliconate	013795-24-1	40-60%	Corrosive	C; R-35
Potassium	001310-58-3	1-3%	Corrosive	C; R-35

**3. Hazards identification**

Corrosive. Causes severe burns (product is equivalent to an 30% solution of Potassium Hydroxide).

**4. First aid measures**

Eyes: Irrigate with copious quantities of water for 10-15 minutes. Seek medical attention.  
Skin: wash with plenty of soap and water immediately. Remove all contaminated clothing. Seek medical attention.  
Ingestion: Drink plenty of water in small portions. Do not induce vomiting. Seek medical advice.  
Inhalation: No risk under normal conditions of use.

Medical Practitioners may obtain further information from the National Poisons information Centre.

**5. Fire fighting measures**

Product non-flammable. If the product is involved in a fire, use an extinguishing medium appropriate to the source.

**6. Accidental release measures**

Small spillage's should be diluted with plenty of water and flushed away. Larger spillage's (>1 litre) should be absorbed using sand or earth. Avoid contact with the liquid. Liquid can be neutralised with weak acids. Inform authorities if major spillages occur or if watercourses contaminated. Spillage's into waterways must be reported to the Environmental Agency Incident Report Line (Tel Freephone 0800 807060).

**7. Handling and storage**

Product should be stored away from strong acids and locked up out of children's reach. When handling the product, overalls, gloves and goggles should be worn. Protect from frost (store above 5°C)

**8. Exposure controls / personal protection**

Bio-Kil Aqueous Injection Fluid is corrosive and causes severe burns to eyes and skin.

Eyes/Face	Wear chemical resistant goggles at all times when handling, especially when diluting. When applying under pressure face visor is also recommended.
Skin/Face/Body	Wear overalls and rubber/PVC gloves.
Respiratory	Normal ventilation will be adequate – avoid breathing any dust from dried product.

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**9. Physical and chemical properties**

Boiling Point	100°C (solvent water)
Decomposition Temp	200°C
pH	13.0 approx
Solubility	Soluble in water
Odour	Faint (Musty)
Form	Concentrate to be diluted 11.5 parts water to 1 part concentrate (w/w)
Vapour Pressure	23.3 mbar
Density	1.3 g/ml

**10. Stability and reactivity**

Avoid strong acids or oxidising substances. Avoid contact with aluminium or other light alloys.

**11. Toxicological information**

Acute toxicity – no known data

Further information – strongly alkaline, causes severe burns

**12. Ecological information**

Avoid contact with plant life. Do not contaminate ponds, waterways or ditches with chemical or used containers.

**13. Disposal considerations**

Classes as a special waste and must be disposed of in accordance with Local Authority Regulations. Use only licensed waste hauliers and disposal contractors. Drums may be cleaned by flushing thoroughly with water (re-use) rinsing water and dispose of as industrial waste.

**14. Transport information**

UN No	1719	Classification	Caustic Alkali
Packaging Group	11		Liquid N.O.SS.
ADR HIN	80	ADR Classification	8 items 42°b
IMDG Page No	8136	IMCO Class	8
MFAG No.	705	EMS No	8-06
Tremcard No.	80G12	Marine Pollutant	No

**15. Regulatory information**

C	-Corrosive
R35	-Causes severe burns
S1/2	-keep locked up and out of reach of children
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 soap and water
S36/37/39	-Wear suitable protective clothing and eye/face protection
S45	-In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

**16. Other Information**

EH40 Occupational Exposure Limits  
HS(G) 97 A Step by Step Guide to C.O.S.H.H. Assessment  
Approved supply and carriage lists  
Chemical (Hazard Information and Packaging) Regulations  
Environmental Protection Act