

## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance or preparation:**

Name: RED STREAK (UK)  
Product code: 103240R1.

**Company/undertaking identification:**

Registered company name: CHEMSEARCH  
Address: Landchard House, Victoria Street, West Bromwich, West Midlands, B70 8ER  
Telephone: 0121 524 7300. Fax: 0121 500 5386. Telex:

**Emergency telephone No.: 0121 524 7310**

Association/Organisation: A Division of NCH (UK) Ltd

**Use of the substance/preparation:**

..Drain Opener

### 2 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site  
Possibility of serious corrosive effects.  
Possibility of noxious effects with symptoms of slight poisoning by swallowing.

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

**Hazardous substances present on their own:**

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

INDEX	CAS	EC	Name	Symb.	R:	%
019-002-00-8	1310-58-3	215-181-3	POTASSIUM HYDROXIDE	C	35 22	25 <= x % < 50

**Other substances representing a hazard:**

No known substance in this category present.

**Substances present at a concentration below the minimum danger threshold:**

No known substance in this category present.

**Other substances with occupational exposure limits:**

No known substance in this category present.

### 4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing in an unconscious person.

**In the event of splashes or contact with eyes:**

Rinse the eyes with water. Remove any contact lense and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops.

**In the event of splashes or contact with skin:**

Wash affected area with plenty of water for several minutes. Remove contaminated clothing and shoes. Seek medical attention if irritation develops.

**In the event of swallowing:**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor.

Consult a doctor and show him the label.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

### 5 - FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Extinguisher media should be chosen based on the nature of the surrounding fire.

**Special protective equipment for fire-fighters:**

Firefighters should wear self contained breathing apparatus and full protective clothing.

## 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Consult the safety measures listed under headings 7 and 8.

### Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

### Methods for cleaning up:

Neutralise with an acidic decontaminant.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

If a large amount has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

## 7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

### Handling:

Training : Due to the hazardous nature of this product, training in its use is recommended.

Usage: Ready to use

### Recommended equipment and procedures:

Observe precautions stated on label and also industrial safety regulations

Product must not come into contact with the skin and eyes

### Prohibited equipment and procedures:

Smoking, eating and drinking are not recommended whilst using this product.

### Storage:

Keep away from food and drink, including those for animals.

Keep from freezing. If product freezes, warm to room temperature slowly and stir thoroughly before using.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Technical measures:

Provide eyewash station and free access to fresh water.

### Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes: TMP N°:
1310-58-3	-	-	-	2	- -

### Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

NBR(NitrilButyl Rubber)/NR(Nitrile Rubber)/Polyvinyl alcohol gloves if repeated or prolonged skin contact is likely.

### Eye and face protection:

Safety glasses if the method of use presents the likelihood of eye contact.

### Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

Protective clothing is recommended if risk of direct contact or splash.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### General information:

Physical state: fluid liquid

### Important health, safety and environmental information:

pH of the substance or preparation: strongly basic.

When a pH measure is possible, it has a value of: 14.00 .

Boiling point/boiling range: not specified.

Flash point interval: not relevant.

vapour pressure: not relevant.

Density: > 1

water solubility: Soluble.

### Other information:

melting point/melting range: -5 °C.

Self-ignition temperature: not specified.  
Decomposition point/decomposition range : not specified.  
Odour Odourless  
Density >1.5 g/cm3  
Colour Red

## 10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

### Materials to avoid:

Oxidizing agents, reducing agents, strong acids.

## 11 - TOXICOLOGICAL INFORMATION

It is generally agreed that substances contained are likely to cause tissue damage in less than three minutes after application to the healthy, unbroken skin of an animal

### In the event of swallowing:

Causes gastrointestinal irritation/corrosive effects seen as nausea, vomiting and diarrhoea.

Ingestion may cause central nervous effects such as weakness, dizziness, staggering gait, headache, nausea, blurred vision and excitation.

### In the event of splashes or contact with skin:

Corrosive, Causes burns and possible deep ulcerations or scarring.

### In the event of splashes or contact with eyes:

Corrosive. Causes burns, corneal damage and possible blindness.

## 12 - ECOLOGICAL INFORMATION

### Mobility:

Soluble in water.

### Persistence and degradability:

Inorganic Material: Not Applicable.

## 13 - DISPOSAL CONSIDERATIONS

The used product can be drained to sewage if it does not contain hazardous materials and the pH is neutral (typically 5.5 to 9).

Packaging: Can be reused after rinsing or recycled or burnt.

Neutralizing agent: Dilute inorganics acids as hydrochloric acid. Add cautiously while mixing. Wear appropriate protective equipment.

## 14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

UN1814=POTASSIUM HYDROXIDE SOLUTION

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.		
	8	C5	II	8	80	LQ22	-		
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.			
	8	-	II	1 L	F-A,S-B	-			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	
	8	-	II	809	1 L	813	30 L	A3	
	8	-	II	Y809	0.5 L	-	-	-	

## 15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations

In addition directive 98/98/EC with the 25° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

### Preparation classification:

Corrosive.



### Contains:

019-002-00-8

POTASSIUM HYDROXIDE

**Particular hazards associated with the preparation and safety recommendations:**

R 22	Harmful if swallowed.
R 35	Causes severe burns.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 2	Keep out of the reach of children. For industrial and institutional use only

**Particular provisions:**

This preparation also complies with the Directive known as <All preparations> 1999/45/EC and its adaptations together with Directive 2001/59/EC and the 28° adaptation of Directive 67/548/EC (Hazardous substances).

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**16 - OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Revised by: km

Changes made in section(s) :

- 1
- 2
- 3
- 4
- 6
- 7
- 8
- 9
- 11
- 14
- 15
- 16

**Full text of risk phrases appearing in section 2:**

R 22	Harmful if swallowed.
R 35	Causes severe burns.