

# SAFETY DATA SHEET



02920 / 02923 – DISHWASH DETERGENT – TANNIN CONCENTRATE

Trust Hygiene Services Limited

## 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

**PRODUCT CODE:** 02920 / 02923  
**PRODUCT NAME:** DISHWASH DETERGENT – TANNIN CONCENTRATE 2 x 5 Ltrs / 10 Ltrs  
**DISTRIBUTOR:** Trust Hygiene Services Limited Telephone: 0370 3500 988  
Sutherland Avenue Fax: 01902 872289  
Wolverhampton Email: sales@trusthygiene.co.uk  
West Midlands, WV2 2JH

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

An aqueous alkaline blend based on sodium hydroxide containing sequesterants, and amphoteric surfactant.

HAZARDOUS INGREDIENTS	CAS Nr.:	% w.w.(Range)	Nature of Hazard
POTASSIUM HYDROXIDE	1310-58-3	15.0 - 30.0	CORROSIVE. (R35). Causes severe burns. Occupational Exposure Standard (O.E.S.) set.

## 3. HAZARDS IDENTIFICATION

Product is classed as CORROSIVE under Chemicals (Hazard Information and Packaging) Regulations 1994.  
Risk Phrases: 35: Causes burns.

## 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Give small sips of milk or water to drink and seek immediate medical attention.  
**SKIN:** Remove contaminated clothing, and wash before wearing. Wash affected area well with soap and water. If irritation persists seek medical attention.  
**EYES:** Rinse immediately with large quantities of clean water, holding eye open. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Product is not flammable, however irritating fumes may be given off in the event of a fire. Treat fires with either dry chemical, foam or waterspray - do not use waterjet.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN UP METHODS:** Spillages need to be contained to prevent entering watercourse, however small spillages can be rinsed away - use plenty of water. Absorb spillage in inert material e.g. dry sand/earth and transfer into secure plastic container(s) for disposal.

## 7. HANDLING AND STORAGE

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store in temperatures greater than 35°C or less than 0°C.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Prevent contact with eyes by wearing safety glasses if necessary and wear protective rubber gloves when handling this product.
2. Always maintain a good standard of occupational hygiene when handling chemicals.

Exposure levels according to EH40 list issued by HSE:-

Occupational Exposure Standard: Potassium hydroxide L.T.E.L. 8 hours - 2 mg m-3.  
S.T.E.L. 10 minutes - 2mg/cubic metre

## **PROTECTIVE EQUIPMENT:**



## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Clear pale straw liquid
<b>ODOUR:</b>	Faint odour
<b>pH:</b>	14
<b>DENSITY (@20°C):</b>	1.17 kg/litre
<b>FLASH POINT:</b>	Not applicable
<b>SOLUBILITY:</b>	Soluble in water

## **10. STABILITY AND REACTIVITY**

**STABILITY:** Product is stable under normal conditions. Alkaline products react with light metals (such as aluminium, tin or zinc) with the evolution of hydrogen, which is highly flammable.

## **11. TOXICOLOGY INFORMATION**

No significant health hazard when properly used for the application it was designed for.

Effects due to overexposure when:

<b>INGESTION:</b>	Sore mouth/throat, abdominal pain, vomiting.
<b>SKIN CONTACT:</b>	Irritation/pain (also gives soapy feeling to skin). Degreases skin – may lead to redness/cracking. Prolonged contact causes damage.
<b>EYE CONTACT:</b>	Severe pain, redness, watering. May cause permanent damage.

## **12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Product is inorganic therefore cannot be classed as biodegradable.

## **13. DISPOSAL CONSIDERATIONS**

**DISPOSABLE METHODS:** Dispose of according to local regulations.

## **14. TRANSPORT INFORMATION**

Proper Shipping Name:	CORROSIVE LIQUID, NOS (contains Potassium Hydroxide)
U.N. No.:	1814
I.M.D.G. Page No:	8204
Hazard Class.:	8
Packing Group:	II

## **15. REGULATORY INFORMATION**

Product is classed as CORROSIVE under CHIP Regulations.

Contains Sodium Hydroxide.

<b>RISK PHRASES:</b>	R35	Causes severe burns.
<b>SAFETY PHRASES:</b>	S1/2	Keep locked up and 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 medical advice.
	S27	Remove all contaminated clothing immediately.
	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).

## **16. OTHER INFORMATION**

**USER NOTES:** The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data sheet are given as a guide to the precautions required to maintain a safe work environment.

**DATE CREATED:** January 2009