



# SAFETY DATA SHEET

## DISHWASH

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

<b>PRODUCT NAME</b>	DISHWASH
<b>PRODUCT NO.</b>	A009 EV
<b>INTERNAL ID</b>	P.57
<b>APPLICATION</b>	Alkaline Liquid detergent for Dish washing machines
<b>SUPPLIER</b>	Evans Vanodine International Brierley Road Walton Summit Preston. PR5 8AH Tel: 01772 322 200 Fax: 01772 626 000 qclab@evansvanodine.co.uk
<b>EMERGENCY TELEPHONE</b>	New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

### 2 HAZARDS IDENTIFICATION

Causes severe burns.

**CLASSIFICATION (1999/45)** C;R35.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
SODIUM HYDROXIDE	215-185-5	1310-73-2	10-20%	C;R35
AMINO TRIMETHYL PHOSPHONIC ACID PENTA SODIUM SALT			1-5%	Xi;R36/38.

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

Not relevant. Inhalation unlikely.

#### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

#### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIFIC HAZARDS

When heated and in case of fire, harmful vapours/gases may be formed.

# DISHWASH

## PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

For personal protection, see section 8.

### ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages: Pick up with vacuum or absorbent solid, store in closed container for disposal.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m3	

WEL = Workplace Exposure Limit.

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limit for COSHH assessments in the UK, -----  
 ST = Short-Term Exposure Limit (15 minute) & LT = Long-Term Exposure Limit (8 hours).

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Not relevant.

### RESPIRATORY EQUIPMENT

Respiratory protection not required.

### HAND PROTECTION

Rubber gloves are recommended.

### EYE PROTECTION

Use approved safety goggles or face shield.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	MELTING POINT (°C)	-2
COLOUR	Clear Colourless to Pale pink (Un-dyed)	pH-VALUE, DILUTED SOLUTION	11.90 @ 3ml per Litre
ODOUR	Characteristic		
SOLUBILITY	Soluble in water.		
BOILING POINT (°C)	102		
RELATIVE DENSITY	1.242 @ 20 °c		
FLASH POINT (°C)	Boils without flashing		

# DISHWASH

## 10 STABILITY AND REACTIVITY

### STABILITY

No particular stability concerns.

### MATERIALS TO AVOID

Strong acids. Aluminium, Tin, Zinc and their alloys.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

Refer to section 2.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Potentially hazardous due to the alkalinity of the product.

### BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

### DEGRADABILITY

Sequestrant is readily degraded during biological effluent treatment processes.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

## 14 TRANSPORT INFORMATION



<b>PROPER SHIPPING NAME</b>	CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide solution)		
<b>UN NO. ROAD</b>	1719	<b>ADR CLASS</b>	Class 8: Corrosive substances.
<b>ADR PACK GROUP</b>	II	<b>TUNNEL RESTRICTION CODE</b>	(E)
<b>RID CLASS NO.</b>	Class 8: Corrosive substances.	<b>RID PACK GROUP</b>	II
<b>UN NO. SEA</b>	1719	<b>IMDG CLASS</b>	Class 8: Corrosive substances.
<b>IMDG PACK GR.</b>	II	<b>MARINE POLLUTANT AIR CLASS</b>	No. Class 8: Corrosive substances.
<b>UN NO. AIR</b>	1719		
<b>AIR PACK GR.</b>	II		

## 15 REGULATORY INFORMATION

### LABELLING



Corrosive

# DISHWASH

**RISK PHRASES**

R35 Causes severe burns.

**SAFETY PHRASES**

S2 Keep out of the reach of children.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

**ENVIRONMENTAL LISTING**

Hazardous Waste (England and Wales) Regulations.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.

**STATUTORY INSTRUMENTS**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**APPROVED CODE OF PRACTICE**

The compilation of safety Data Sheets L130.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labeling of Substances and Preparations Dangerous for Supply. L100

**16 OTHER INFORMATION****INFORMATION SOURCES**

Approved Supply List - HSC (Health &amp; Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

**REVISION COMMENTS**

New formulation no change in product classification. (Changes made to sections 3, 9 &amp; 16)

**REVISION DATE** 04/11/10**REV. NO./REPL. SDS** Issue 5**GENERATED****RISK PHRASES IN FULL**

R35 Causes severe burns.

R36/38 Irritating to eyes and skin.