



# SAFETY DATA SHEET

## DISHWASH

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

**PRODUCT NAME** DISHWASH  
**PRODUCT NO.** A009  
**INTERNAL ID** P.57  
**APPLICATION** Alkaline liquid detergent for Dish washing machines  
**SUPPLIER** Evans Vanodine International  
 Brierley Road  
 Walton Summit  
 Preston. PR5 8AH  
 Tel : 01772 322 200  
 Fax : 01772 626 000  
 qclab@evansvanodine.co.uk  
**EMERGENCY TELEPHONE** New Safety Data Sheets - 8.45am to 5.00pm - 01772 322 200  
 Technical Advice - 8.30am to 4.45pm - 01772 318 818

### 2 HAZARDS IDENTIFICATION

Causes severe burns.

**CLASSIFICATION** C;R35.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
TRISODIUM NITRILLO TRIACETATE	225-768-6	5064-31-3	10-20%	Xi;R36/38.
SODIUM HYDROXIDE	215-185-5	1310-73-2	10-20%	C;R35

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

If involved in fire, may emit noxious fumes.

#### PROTECTIVE MEASURES IN FIRE

Protective clothing and respiratory protection should be worn when tackling fires involving this product.

### 6 ACCIDENTAL RELEASE MEASURES

# DISHWASH

## PERSONAL PRECAUTIONS

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

## ENVIRONMENTAL PRECAUTIONS

Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

## SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

## 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	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
SODIUM HYDROXIDE	WEL				2 mg/m3

### 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 applicable.

### RESPIRATORY EQUIPMENT

None required.

### HAND PROTECTION

Household rubber gloves.

### EYE PROTECTION

Use approved safety goggles or face shield.

### OTHER PROTECTION

Wear suitable protective clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Liquid		
<b>COLOUR</b>	Clear Un-dyed / Colourless		
<b>ODOUR</b>	Faint Ammonia		
<b>SOLUBILITY</b>	Soluble in water		
<b>BOILING POINT (°C)</b>	102	<b>MELTING POINT (°C)</b>	-2
<b>RELATIVE DENSITY</b>	1.24 @ 20 °c	<b>pH-VALUE, DILUTED SOLUTION</b>	11.90 @ 3ml per Litre
<b>FLASH POINT (°C)</b>	Boils without flashing		

## 10 STABILITY AND REACTIVITY

### STABILITY

No particular stability concerns.

### MATERIALS TO AVOID

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

# DISHWASH

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

Refer to section 3.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Potentially hazardous due to the alkalinity of the product.

### BIOACCUMULATION

Completely soluble. No bioaccumulation.

### 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>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</b>	No.	<b>UN NO. AIR</b>	1719
<b>AIR CLASS</b>	Class 8: Corrosive substances.	<b>AIR PACK GR.</b>	II

## 15 REGULATORY INFORMATION

### LABELLING



Corrosive

### CONTAINS

SODIUM HYDROXIDE

### 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).

# DISHWASH

## 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 and 2001/58/EC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2005

## 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 Labelling of Substances and Preparations Dangerous for Supply. L100

## 16 OTHER INFORMATION

### INFORMATION SOURCES

Approved Supply List - HSC. Material Safety Data Sheet, Misc. manufacturers.

### REVISION COMMENTS

Dye removed from formulation.

**REVISION DATE** 06/06/07

**REV. NO./REPL. SDS** Issue 3

### GENERATED

### RISK PHRASES IN FULL

R35 Causes severe burns.

R36/38 Irritating to eyes and skin.