



SAFETY DATA SHEET

CIP LIQUID

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	CIP LIQUID
PRODUCT NO.	R049
INTERNAL ID	P.V28
APPLICATION	Alkaline liquid detergent , for milk pipelines and parlours.
SUPPLIER	Evans Vanodine International Brierley Road Walton Summit Preston. PR5 8AH 01772 322200 01772 626000

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM HYDROXIDE	215-185-5	1310-73-2	30-60%	C;R35
TETRA SODIUM ETHYLENE DIAMINE TETRA ACETATE	200-573-9	64-02-8	1-5%	Xi;R36/38.

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

3 HAZARDS IDENTIFICATION

Causes severe burns.

CLASSIFICATION C;R35.

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

PERSONAL PRECAUTIONS

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

CIP LIQUID

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	OES				2 mg/m3

INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Not applicable.

RESPIRATORY EQUIPMENT

None required.

HAND PROTECTION

Polyvinyl chloride (PVC).

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear suitable protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Clear Colourless		
ODOUR	Faint surfactant		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	103	MELTING POINT (°C)	-4
RELATIVE DENSITY	1.350 @ 20 °c	pH-VALUE, DILUTED SOLUTION	13.00 @ 1% w/w %
FLASH POINT (°C)	Boils without flashing		

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 3.

CIP LIQUID

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



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

ENVIRONMENTAL LISTING

Control of Pollution (Special Waste) Regulations 1980.

EU DIRECTIVES

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

CIP LIQUID

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2002

APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

GUIDANCE NOTES

Occupational Exposure Limits EH40. 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

Product Name change - Removal of Vanodine (Changes made to sections 1 & 16)

REVISION DATE 20/07/04

REV. NO./REPL. SDS Issue 3

GENERATED

RISK PHRASES IN FULL

R35 Causes severe burns.

R36/38 Irritating to eyes and skin.