



# SAFETY DATA SHEET

## DEEP KLEEN

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

**PRODUCT NAME:** DEEP KLEEN

**PART No.:** A040

**IN-HOUSE No.:** P.37

**APPLICATIONS:** Odourless Heavy Duty, Alkaline Hard surface cleaner

**SUPPLIER:** Evans Vanodine International  
Brierley Road  
Walton Summit  
Preston. PR5 8AH

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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
SODIUM METASILICATE			5-10 %	C, Xi	34, 36/38
SODIUM CUMENE SULPHONATE	250-913-5	32073-22-6	1-5 %	Xi	36
SODIUM DODECYLBENZENESULPHONATE	246-680-4	25155-30-0	1-5 %	Xn	22, 36/38

The full text for all R-phrases are shown in section 16.

### 3 HAZARDS IDENTIFICATION

Risk of serious damage to eyes.  
Irritating to skin.

### 4 FIRST AID MEASURES

**INHALATION:** Not relevant. Inhalation unlikely.

**INGESTION:** DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

**SKIN:** Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**EYES:** 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 material is not flammable. Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** 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.

# DEEP KLEEN

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS DURING SPILL:

Wear eye/face protection. Avoid contact with skin.

### PRECAUTIONS TO PROTECT ENVIRONMENT:

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

### SPILL CLEANUP METHODS:

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

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS:

Wear eye protection. Avoid contact with skin.

### STORAGE PRECAUTIONS:

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

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:



### VENTILATION:

Not applicable.

### RESPIRATORS:

None required.

### PROTECTIVE GLOVES:

For prolonged or repeated skin contact the use of household rubber gloves is advisable.

### EYE PROTECTION:

Use eye protection.

### OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Liquid.

### COLOUR:

Clear. Pink.

### ODOUR/TASTE:

Faint surfactant

### SOLUBILITY DESCRIPTION:

Soluble in water.

### BOILING POINT (°C):

101 @ 760mmHg

### MELTING POINT (°C):

-1

### SPECIFIC GRAVITY (Water=1):

1.120 @ 20 °C

### pH-VALUE, CONC:

12.90

### FLASH POINT (°C):

Non data

## 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.

### OTHER HEALTH EFFECTS:

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## 12 ECOLOGICAL INFORMATION

### ENVIRONMENTAL HAZARDS:

Potentially hazardous due to the alkalinity of the product.

### BIO ACCUMULATION:

Completely soluble. No bioaccumulation.

### DEGRADABILITY:

This product, at use dilutions, is readily broken down in biological effluent treatment plants.

## 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 by approved waste contractor. Consign empty container to normal waste.

# DEEP KLEEN

## 14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:

UN No: 3266  
HAZARD CLASS (ADR): Class 8: Corrosive substances. **ADR PACK GR:** III  
PROPER SHIPPING NAME I: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (disodium trioxosilicate)

RAIL:

RAIL TRANSPORT CLASS No: Class 8: Corrosive substances. **RID PACK GR:** III

SEA:

UN SEA: 3266  
SEA TRANSPORT CLASS No: Class 8: Corrosive substances. **SEA PACK GR:** III  
MARINE POLLUTANT: No.

AIR:

UN AIR: 3266  
AIR TRANSPORT CLASS No: Class 8: Corrosive substances. **AIR PACK GR:** III

## 15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES: R-41 Risk of serious damage to eyes.  
R-38 Irritating to skin.

SAFETY PHRASES: S-2 Keep out of reach of children.  
S-39 Wear eye/face protection.  
S-24 Avoid contact with skin.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-46 If swallowed seek medical advice immediately and show this container label.

UK ENVIRONMENTAL LISTINGS: Control of Pollution (Special Waste) Regulations 1980.  
EC DIRECTIVES: System of specific information relating to Dangerous Preparations. 91/155.  
As amended by Directive 93/112/EC and 2001/58/EC.

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: Revised in accordance with CHIP 2002.  
New SDS system.

# DEEP KLEEN

REVISION DATE: 01/04/03

REVISION No. /REPLACES SDS ISSUED:

Issue 1

SDS No.: A040

R-PHRASES (Full Text):

R-22

Harmful if swallowed.

R-34

Causes burns.

R-36

Irritating to eyes.

R-36/38

Irritating to eyes and skin.