



# SAFETY DATA SHEET

## T.T.C. THICKENED TOILET CLEANER

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

<b>PRODUCT NAME</b>	T.T.C. THICKENED TOILET CLEANER
<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>PRODUCT NO.</b>	A105 EV
<b>INTERNAL ID</b>	P.94
<b>APPLICATION</b>	Acidic Descaling Toilet Cleaner and Hard Surface Cleaner for washrooms
<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

Irritating to eyes and skin.

**CLASSIFICATION (1999/45)** Xi;R36/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
HYDROCHLORIC ACID ...%	231-595-7	7647-01-0	5-10%	C;R34 Xi;R37
ETHOXYLATED OLEYLAMINE		26635-93-8	1-5%	Xn;R22. C;R34. N;R50.
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	0-1%	C;R34

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! Drink a few glasses of water or milk. Get medical attention.

#### SKIN CONTACT

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

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 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.

# T.T.C. THICKENED TOILET CLEANER

## 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

Avoid contact with skin and eyes.

### 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

Avoid contact with skin and eyes. DO NOT mix with other chemicals.

### 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
PHOSPHORIC ACID ...%	WEL	1 mg/m3	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).

### ENGINEERING MEASURES

Not relevant.

### RESPIRATORY EQUIPMENT

Respiratory protection not required.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)

### EYE PROTECTION

Eye protection recommended.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Viscous Liquid		
<b>COLOUR</b>	Clear Blue		
<b>ODOUR</b>	Violet.		
<b>SOLUBILITY</b>	Soluble in water.		
<b>BOILING POINT (°C)</b>	100 760 mm Hg	<b>MELTING POINT (°C)</b>	0
<b>RELATIVE DENSITY</b>	1.038 @ 20 °c	<b>pH-VALUE, CONC. SOLUTION</b>	0.30
<b>FLASH POINT (°C)</b>	Boils without flashing		

## 10 STABILITY AND REACTIVITY

### STABILITY

No particular stability concerns.

# T.T.C. THICKENED TOILET CLEANER

## MATERIALS TO AVOID

Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

Refer to section 2.

### OTHER HEALTH EFFECTS

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

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

### BIOACCUMULATION

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

### 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 as special waste. Rinse out empty container with water and consign to normal waste.

## 14 TRANSPORT INFORMATION



<b>PROPER SHIPPING NAME</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (hydrochloric acid)		
<b>UN NO. ROAD</b>	3264	<b>ADR CLASS</b>	Class 8: Corrosive substances.
<b>ADR PACK GROUP</b>	III	<b>TUNNEL RESTRICTION CODE</b>	(E)
<b>RID CLASS NO.</b>	Class 8: Corrosive substances.	<b>RID PACK GROUP</b>	III
<b>UN NO. SEA</b>	3264	<b>IMDG CLASS</b>	Class 8: Corrosive substances.
<b>IMDG PACK GR.</b>	III	<b>MARINE POLLUTANT AIR CLASS</b>	No.
<b>UN NO. AIR</b>	3264		Class 8: Corrosive substances.
<b>AIR PACK GR.</b>	III		

## 15 REGULATORY INFORMATION

### LABELLING



Irritant

### RISK PHRASES

R36/38 Irritating to eyes and skin.

# T.T.C. THICKENED TOILET CLEANER

## SAFETY PHRASES

S2	Keep out of the 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.
S46	If swallowed, seek medical advice immediately and show this container or label.
S50A	Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

## 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

Chemicals (Hazard Information and Packaging) Regulations. 2008

## 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 & Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

## REVISION COMMENTS

Change in raw material classification but has no effect on product classification. (Changes made in Composition Section)

REVISION DATE 12/05/10

REV. NO./REPL. SDS Issue 4

## GENERATED

## RISK PHRASES IN FULL

R34	Causes burns.
R22	Harmful if swallowed.
R37	Irritating to respiratory system.
R50	Very toxic to aquatic organisms.