



# SAFETY DATA SHEET

## EST-EEM

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

<b>PRODUCT NAME</b>	EST-EEM
<b>PRODUCT NO.</b>	A026
<b>INTERNAL ID</b>	P.71
<b>APPLICATION</b>	Quaternary Ammonium based sanitiser and Disinfectant , for Food Industry.
<b>SUPPLIER</b>	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
2-AMINOETHANOL	205-483-3	141-43-5	1-5%	C;R34 Xn;R20/21/22
C13-15 ALCOHOL ETHOXYLATE (7EO)		68131-39-5	1-5%	Xn;R22. Xi;R41. N;R50.
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	270-325-2	68424-85-1	1-5%	Xn;R21/22. C;R34. N;R50.
TRISODIUM NITRILLO TRIACETATE	225-768-6	5064-31-3	1-5%	Xi;R36/38.

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

### 3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

**CLASSIFICATION** Xi;R36/38.

### 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

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

Avoid contact with eyes. Avoid contact with skin.

#### ENVIRONMENTAL PRECAUTIONS

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

# EST-EEM

## 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

Avoid contact with skin and eyes.

### 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
2-AMINOETHANOL	WEL	3 ppm	7.6 mg/m3	6 ppm	15 mg/m3

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### ENGINEERING MEASURES

Not applicable.

### RESPIRATORY EQUIPMENT

None required.

### HAND PROTECTION

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

### 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>	Liquid		
<b>COLOUR</b>	Pale Straw		
<b>ODOUR</b>	Faint surfactant		
<b>SOLUBILITY</b>	Soluble in water		
<b>BOILING POINT (°C)</b>	101	<b>MELTING POINT (°C)</b>	-1
<b>RELATIVE DENSITY</b>	1.016 @ 20 °c	<b>pH-VALUE, CONC. SOLUTION</b>	11.00
<b>FLASH POINT (°C)</b>	boils without flashing		

## 10 STABILITY AND REACTIVITY

### STABILITY

No particular stability concerns.

### MATERIALS TO AVOID

None.

## 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

### ECOTOXICITY

Not regarded as dangerous for the environment.

### BIOACCUMULATION

Completely soluble. No bioaccumulation.

### DEGRADABILITY

Surfactant is readily broken down by effluent treatment process.

## 13 DISPOSAL CONSIDERATIONS

# EST-EEM

## 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

**GENERAL** Not classified for Transport.  
**UN NO. ROAD** 0

## 15 REGULATORY INFORMATION

### LABELLING



Irritant

### RISK PHRASES

R36/38 Irritating to eyes and skin.

### 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.

### ENVIRONMENTAL LISTING

Hazardous Waste (England and Wales) Regulations.

### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC. 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

Amendment to section 2.

**REVISION DATE** 02/02/06

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

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### RISK PHRASES IN FULL

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
 R21/22 Harmful in contact with skin and if swallowed.  
 R22 Harmful if swallowed.  
 R34 Causes burns.  
 R36/38 Irritating to eyes and skin.  
 R37 Irritating to respiratory system.  
 R41 Risk of serious damage to eyes.  
 R50 Very toxic to aquatic organisms.