



SAFETY DATA SHEET

EST-EEM RTU

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: EST-EEM RTU

PART No.: A148

IN-HOUSE No.: P.72

APPLICATIONS: Quaternary Ammonium based sanitiser and Disinfectant , for Food Industry.

SUPPLIER: Evans Vanodine International
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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
QUATERNARY AMMONIUM COMPOUNDS	264-151-6	63449-41-2	0-1 %	C, N	21/22, 34, 50
C13-15 ALCOHOL ETHOXYLATE (7EO)		68131-39-5	0-1 %	Xn, Xi	22, 41, 50

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

COMPOSITION COMMENTS: The ingredients are present in non-hazardous concentrations.

3 HAZARDS IDENTIFICATION

Not classified as hazardous.

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 if any discomfort continues.

SKIN: Wash skin with soap and water.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids.

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.

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6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS DURING SPILL:

No special protective clothing.

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 by approved waste contractor.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

No specific usage precautions noted.

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

VENTILATION:

Not applicable.

RESPIRATORS:

None required.

PROTECTIVE GLOVES:

No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

EYE PROTECTION:

None required.

OTHER PROTECTION:

None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Liquid.

COLOUR:

Clear. Colourless.

ODOUR/TASTE:

Faint surfactant

SOLUBILITY DESCRIPTION:

Soluble in water.

BOILING POINT (°C):

100 @ 760mmHg

MELTING POINT (°C):

0

SPECIFIC GRAVITY (Water=1):

1.000 @ 20 °C

pH-VALUE, CONC:

11.00

FLASH POINT (°C):

Boils without flashing

10 STABILITY AND REACTIVITY

STABILITY:

No particular stability concerns.

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:

Not regarded as dangerous for the environment.

BIO ACCUMULATION:

Completely soluble. No bioaccumulation.

DEGRADABILITY:

Surfactant is readily broken down by effluent treatment process.

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.

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14 TRANSPORT INFORMATION

GENERAL: Not classified for Transport.
ROAD:
RAIL:
SEA:
AIR:

15 REGULATORY INFORMATION

RISK PHRASES: Not classified.

SAFETY PHRASES: S-2 Keep out of reach of children.
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.

REVISION DATE: 01/04/03

REVISION No. /REPLACES SDS ISSUED:

SDS No.: Issue 1
A148

R-PHRASES (Full Text): R-22 Harmful if swallowed.
R-34 Causes burns.
R-41 Risk of serious damage to eyes.
R-21/22 Harmful in contact with skin and if swallowed.
R-50 Very toxic to aquatic organisms.