



SAFETY DATA SHEET PROTECT

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

PRODUCT NAME	PROTECT
PRODUCT NO.	A125 EV
INTERNAL ID	P.40
APPLICATION	Quaternary Ammonium based Sanitiser and Disinfectant.
SUPPLIER	Evans Vanodine International Brierley Road Walton Summit Preston. PR5 8AH Tel: 01772 322 200 Fax: 01772 626 000 qclab@evansvanodine.co.uk
EMERGENCY TELEPHONE	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 Xi;R36/38.

3 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
C12-15 ALCOHOL ETHOXYLATE (7EO)		68131-39-5	1-5%	Xn;R22. Xi;R41. N;R50.
TRISODIUM NITRILLO TRIACETATE	225-768-6	5064-31-3	1-5%	Xi;R36/38.
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	270-325-2	68424-85-1	1-5%	Xn;R21/22. C;R34. N;R50.
1,3 PROPANEDIAMINE, C10-16 ALKYL DERIVATIVES, REACTION PRODUCT WITH 2-CHLORO ACETIC ACIDS		139734-65-9	0-1%	Xn;R22. C;R34. N;R50.
2,2'-OXYBISETHANOL	203-872-2	111-46-6	0-1%	Xn;R22

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.

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SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

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.

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/m ³	ST - ppm	ST - mg/m ³
2,2'-OXYBISETHANOL	WEL	23 ppm	101 mg/m ³		
2-AMINOETHANOL	WEL	3 ppm	7.6 mg/m ³	6 ppm	15 mg/m ³

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

APPEARANCE	Liquid		
COLOUR	Clear Blue		
ODOUR	Floral.		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	101	MELTING POINT (°C)	-1
RELATIVE DENSITY	1.016 @ 20 °C	pH-VALUE, CONC. SOLUTION	11.00
FLASH POINT (°C)	boils without flashing		

10 STABILITY AND REACTIVITY**STABILITY**

No particular stability concerns.

PROTECT

MATERIALS TO AVOID

No incompatible groups noted.

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

Not regarded as dangerous for the environment.

LC 50, 96 Hrs, FISH mg/l Alkyl Dimethyl Benzyl Ammonium Chloride [CAS N°68424-85-1] (Rainbow Trout) 0.85 mg/l, C12-15 Alcohol Ethoxylate (7EO) [CAS N° 68131-39-5] (Rainbow Trout) 1.8mg/l & C10-16 Alky Dervative [CAS N° 139734-65-9] (cyprinus carpio) 0.43mg/l

BIOACCUMULATION

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

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

14 TRANSPORT INFORMATION

GENERAL

Not classified for Transport.

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/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.

PROTECT

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 (Health & Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

Safety Data sheet reviewed under CHIP 2008 [2nd ATP to Dangerous Preparations Directive 2006/8/EC] no change in product classification (Changes to sections 12 & 16.) plus Changes required for REACH (additions to Section 1 and change of order of sections 2 and 3).

REVISION DATE 07/01/09

REV. NO./REPL. SDS Issue 4

GENERATED

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.