



SAFETY DATA SHEET

SAFE ZONE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: SAFE ZONE

PART No.: A024

IN-HOUSE No.: P.138

APPLICATIONS: Quaternary Ammonium based sanitiser and Disinfectant

SUPPLIER: Evans Vanodine International
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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
C13-15 ALCOHOL ETHOXYLATE (7EO)		68131-39-5	1-5 %	Xn, Xi	22, 41, 50
2-AMINOETHANOL	205-483-3	141-43-5	1-5 %	Xn	20, 36/37/38
QUATERNARY AMMONIUM COMPOUNDS	264-151-6	63449-41-2	1-5 %	C, N	21/22, 34, 50
TRISODIUM NITRILLO TRIACETATE	225-768-6	5064-31-3	1-5 %	Xi	36/38

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

3 HAZARDS IDENTIFICATION

Irritating to eyes.

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 with soap and water.

EYES: 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 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:

Avoid contact with eyes.

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:

Avoid contact with eyes

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

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
2-AMINOETHANOL	141-43-5	OES	3 ppm	6 ppm

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

VENTILATION:

Not applicable.

RESPIRATORS:

None required.

PROTECTIVE GLOVES:

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

EYE PROTECTION:

Eye protection recommended.

OTHER PROTECTION:

None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	COLOUR:	Pale Straw.
ODOUR/TASTE:	Faint surfactant		
SOLUBILITY DESCRIPTION:	Soluble in water.		
BOILING POINT (°C):	101 @ 760mmHg	MELTING POINT (°C):	-1
SPECIFIC GRAVITY (Water=1):	1.016 @ 20 °C	pH-VALUE, CONC:	11.00
FLASH POINT (°C):	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

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

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES: R-36 Irritating to eyes.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-25 Avoid contact with eyes.
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.

REVISION DATE: 01/04/03

REVISION No. /REPLACES SDS ISSUED:

SDS No.: A024

R-PHRASES (Full Text): R-20 Harmful by inhalation.
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-36/37/38 Irritating to eyes, respiratory system and skin.
R-36/38 Irritating to eyes and skin.
R-50 Very toxic to aquatic organisms.