



SAFETY DATA SHEET

CRUSADER SUPER EMULSIFIER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: CRUSADER SUPER EMULSIFIER

PART No.: C007

IN-HOUSE No.: P116

APPLICATIONS: Oily soil removal for Laundry 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.)
ALCOHOL ETHOXYLATE			30-100 %	Xi	41
ETHANOL	200-578-6	64-17-5	5-15 %	F	11
BIS-(TRIAZINYLAMINO)-STILBENE DISULPHONIC ACID DERIVATIVE		16090-02-1	0-1 %		52/53

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

3 HAZARDS IDENTIFICATION

Risk of serious damage 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 thoroughly with soap and water.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

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:

Wear eye/face protection.

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:

Wear eye protection.

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)
ETHANOL	64-17-5	OES	1000 ppm	No std.

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION:

Not applicable.

RESPIRATORS:

None required.

PROTECTIVE GLOVES:

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

EYE PROTECTION:

Use eye protection.

OTHER PROTECTION:

None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	COLOUR:	Clear. Green.
ODOUR/TASTE:	Mild (or faint).		
SOLUBILITY DESCRIPTION:	Soluble in water.	BOILING POINT (°C):	Non data
MELTING POINT (°C):	Non data	SPECIFIC GRAVITY (Water=1):	0.980
pH-VALUE, CONC:	Non data	FLASH POINT (°C):	Non data

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.

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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.
ROAD:
RAIL:
SEA:
AIR:

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES: R-41 Risk of serious damage to eyes.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-39 Wear eye/face protection.
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: Issue 1

SDS No.: C007

R-PHRASES (Full Text): R-11 Highly flammable.
R-41 Risk of serious damage to eyes.
R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.