



SAFETY DATA SHEET

EMULSIFY

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	EMULSIFY
PRODUCT NO.	A084
INTERNAL ID	P.46
APPLICATION	Heavy Duty, Solvent based, Degreaser for removal of oil & grease from machinery.
SUPPLIER	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
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	265-149-8	64742-47-8	60-100%	Xn;R65
ORANGE TERPENES	232-433-8	8028-48-6	10-20%	Xn;R65. Xi;R38. R10,R52/53.
MONOISOPROPYLAMINE DOECYLBENZENESULPHONATE		26264-05-1	10-20%	Xi;R38,R41.

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

3 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes. Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R65. Xi;R41,R38.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

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 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

EMULSIFY

PERSONAL PRECAUTIONS

Wear eye/face protection.

ENVIRONMENTAL PRECAUTIONS

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

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

Wear eye protection.

STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area. Store away from Oxidising material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

None required.

HAND PROTECTION

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

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Clear Pale Yellow		
ODOUR	Citrus.		
SOLUBILITY	Forms an emulsion with water.		
BOILING POINT (°C)	175 - 250	MELTING POINT (°C)	< 0
RELATIVE DENSITY	0.836 @ 20 °c	pH-VALUE, CONC. SOLUTION	N/A
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.

12 ECOLOGICAL INFORMATION

EMULSIFY

ECOTOXICITY

Not regarded as dangerous for the environment.

BIOACCUMULATION

Completely soluble. No bioaccumulation.

DEGRADABILITY

This product, at use dilutions, is readily broken down in biological effluent treatment plants.

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



Harmful

RISK PHRASES

R65	Harmful: may cause lung damage if swallowed.
R41	Risk of serious damage to eyes.
R38	Irritating to skin.

SAFETY PHRASES

S2	Keep out of the reach of children
S39	Wear eye/face protection.
S23D	Do not breathe vapour.
S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

ENVIRONMENTAL LISTING

Control of Pollution (Special Waste) Regulations 1980.

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. 2002

APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

GUIDANCE NOTES

Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100
Occupational Exposure Limits EH40.

16 OTHER INFORMATION

INFORMATION SOURCES

Approved Supply List - HSC. Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

Change in product classification due to the change in classification of a raw material. (Changes made to sections 2,3,6,7,8,12,15&16)

REVISION DATE

13/09/04

EMULSIFY

REV. NO./REPL. SDS Issue 2
GENERATED

RISK PHRASES IN FULL

R10	Flammable.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.