

DATE: 07.18 .06 REVISION: 2

1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 Identification of the Product WILFLEX OASIS™ CROSSLINKER
- 1.2 Company undertaking identification MAGNA COLOURS LIMITED
Dodworth Business Park
Upper Cliffe Road
Dodworth
BARNSELEY S75 3SP
England



- 1.3 Marketed by PolyOne Corporation, 8155 Cobb Center Drive, Kennesaw, GA 30152 U.S.A.
Emergency telephone no(s): U.K.: +44 (01226) 731751 or +44 (07808) 917935
CHEMTREC: 1-800-424-9300
24 hours for spill, leak, fire, exposure, or accident

2 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>EEC-No</u>	<u>Class</u>	<u>Weight %</u>
Ethyleneimine	151-56-4	613-001-00-1	F; R11 Carc Cat 2; R45 Muta; Cat 2; R46 T+ R26/27/28 C; 34 N R51-53	0.005

3 HAZARDS IDENTIFICATION

Most Important hazards: May cause eye/ skin irritation

4 FIRST AID MEASURES

- 4.1 Skin contact - Remove contaminated clothing immediately and wash affected skin with plenty of water.
Call a physician immediately.
- 4.2 Eye contact - Rinse immediately with plenty of water and seek medical advice.
- 4.3 Ingestion - Call a physician immediately
- 4.4 Inhalation: - Remove affected person to fresh air and seek medical advice.

5 FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media: Water spray, alcohol-resistant foam.
- 5.3 Specific hazards: Combustion gas contains Nox and CO

6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Protection: Avoid contact with skin and eyes, ensure adequate ventilation.
- 6.2 Environmental: Do not allow material to contaminate ground water system.
- 6.3 Cleaning Methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) and shovel into suitable waste container.

7 HANDLING AND STORAGE

- 7.1 Handling: Handle with care and ensure not to contact with skin/ eyes or inhale vapour.
- 7.2 Storage: Store in a cool and shaded area at temperature between 0 and 30°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Chemical Name: Ethleneimine
- 8.2 Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.
- 8.3 Respiratory protection: Respirator with ammonia filter
- 8.4 Hand protection: Rubber gloves
- 8.5 Eye Protection: Goggles
- 8.6 Skin and body protection: Rubber apron
- 8.7 Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	White, dispersion
9.2	Odour:	None
9.3	pH:	10.5 Y 0.5
9.4	Boiling point/range:	100°C
9.5	Melting point/range:	-
9.6	Flash point:	None
9.7	Flammability:	None
9.8	Autoflammability:	-
9.9	Explosive Properties:	None
9.10	Oxidising Properties:	None
9.11	Vapour Pressure:	-
9.12	Relative density:	(20°C) >= 1.08
9.13	Bulk density:	-
9.14	Solubility:	Water - Soluble Fat - Other solvents -
9.15	Viscosity:	>150cps mPas
9.16	Other data:	-

10 STABILITY AND REACTIVITY

10.1	Stability:	Keep away from heat and sources of ignition
10.2	Materials to avoid:	Acid and chemicals which cause ring opening of Ethylene-imine
10.3	Hazardous decomposition products:	Ethyleneimine, MDI or 4,4 diphenyl methane.

11 TOXICOLOGICAL INFORMATION

11.1	Acute toxicity:	LD50/oral/rat = >2000mg/kg LD50/dermal/rat = > 2000 mg/kg
	Skin irritation:	May cause eye/ skin irritation
11.2	Local effects:	Inflammation mucous membranes or rash like eczema.

12 ECOLOGICAL INFORMATION

Biochemical oxygen demand within 5 days (BOD5) = 560 mg/l (1g/l solution)
Chemical oxygen demand (COD) = 538 mg/l (1g/l solution)

13 DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of as special waste in compliance with local and national regulations.

14 TRANSPORT INFORMATION

Not classified as hazardous for transportation.

Proper Shipping Name:

UN Number:	-	Symbol:	-
Hazard Class:	-	Packing Group:	-
ADR/RID:	-	IATA/DGR limits:	-

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15 REGULATORY INFORMATION

References in Annex 1 to 67/548/EEC:

Components which lead to danger classification:

EINECS Nos:

Classified according to Directives 67/548/EEC and 88/379/EEC and their various amendments:

Warning symbols:

Warning words:

Risk phrases: R 22 - Harmful if swallowed
R 36 - Irritating to eyes
R 38 - Irritating to skin

Safety phrases: S 28 - After contact with skin, wash immediately with plenty of water
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39 - Wear suitable protective clothing, gloves and eye/ face protection.

16 OTHER INFORMATION

Intended uses:

Abbreviations: N/A = Not applicable N/D = Not determined N/K = Not known

The information contained in this leaflet is given in good faith. This information is accurate to the best of our knowledge and represents the most up to date information available to us. Products should be handled and used in accordance with the advice given.