

# Wilflex Oasis™ ZF Discharge Blending White

Developed and marketed by the makers of Wilflex brand inks in cooperation with Magna Colours, LTD.



## MATERIAL SAFETY DATA SHEET

PAGE 1/3

DATE: 06.15.06 REVISION: 2

### 1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1 Identification of the Product WILFLEX OASIS™ ZF DISCHARGE BLENDING WHITE

1.2 Company undertaking identification MAGNA COLOURS LIMITED

Dodworth Business Park  
Upper Cliffe Road  
Dodworth  
BARNSELEY S75 3SP  
England



Marketed by PolyOne Corporation, 8155 Cobb Center Drive, Kennesaw, GA 30152 U.S.A.

1.3 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

Partly solvent printing paste containing Acrylic Binders, natural thickeners, surfactants and Titanium Dioxide aqueous dispersions.

<u>Substance</u>	<u>% Present</u>	<u>EEC Classification</u>	<u>R-phrases</u>
Mineral Spirits	34%	FLAMMABLE	R10

### 3 HAZARDS IDENTIFICATION

3.1 Most important hazards: The primary routes of exposure to this material are eye and skin contact.

3.2 Specific hazards: Prolonged exposure may cause slight skin and eye irritation.

### 4 FIRST AID MEASURES

- General - Take off immediately all contaminated clothing. Show this safety data sheet to the Doctor in attendance.
- 4.1 Inhalation - If symptoms due to inhalation are observed, remove person to fresh air.
- 4.2 Skin contact - Wash with plenty of water and mild detergents. If irritation persists obtain medical attention.
- 4.3 Eye contact - Rinse with plenty of water for at least 15 minutes. Keep eye wide open when rinsing. Obtain medical attention.
- 4.4 Ingestion - Rinse mouth (never give anything by mouth to an unconscious person). Do not induce vomiting. Obtain medical attention immediately. Keep warm and in a quiet place.

### 5 FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media: Suitable - Water, Water spray, dry powder, sand, foam.  
Unsuitable - None
- 5.2 If involved in a fire: - In case of fire, wear a self-contained breathing apparatus. Use standard procedures for a chemical fire.

### 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Use personal protective equipment. Keep people away from an upwind of spill/leak. Avoid sources of ignition.
- 6.2 Environmental precautions: Do not let product enter drains. Avoid subsoil penetration. Absorb material with sand or inert material. Avoid sources of ignition.
- 6.3 Cleaning measures: Shovel into suitable containers for authorised disposal. Treat contaminated waters before disposal.

### 7 HANDLING AND STORAGE

- 7.1 Handling: Use only in area provided with appropriate exhaust ventilation. Avoid eye and skin contact. It is advisable to wear hand and personal protection when handling chemicals.
- 7.2 Storage: Keep temperature between 5° - 40°C (23° - 104°F). Keep packages closed and far from fire and sparks.

# Wilflex Oasis™ ZF Discharge Blending White



Developed and marketed by the makers of Wilflex brand inks in cooperation with Magna Colours, LTD.

## MATERIAL SAFETY DATA SHEET

PAGE 2/3

DATE: 06.15.06 REVISION: 2

### 1.1 Identification of the Product WILFLEX OASIS™ ZF DISCHARGE BLENDING WHITE

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 General: Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when handling this product. OEL (White Spirit) > 100 ppm.
- 8.2 Respiratory: Work in well aired rooms
- 8.3 Hand: Gloves - PVC or other plastic material
- 8.4 Eye: Goggles or face shield
- 8.5 Skin: Suitable protective clothing

## 9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: White paste
- 9.2 Odour: Solvent
- 9.3 pH: 8 - 9
- 9.4 Boiling point/range: 150°C (302°F)
- 9.5 Melting point/range: -
- 9.6 Flash point: > 54°C (129.2°F)
- 9.7 Flammability: -
- 9.8 Autoflammability: -
- 9.9 Explosive Properties: -
- 9.10 Oxidising Properties: -
- 9.11 Vapour Pressure: -
- 9.12 Relative density: -
- 9.13 Bulk density: -
- 9.14 Solubility: Water - miscible  
Fat -  
Other solvents -
- 9.15 Partition coefficient: -
- 9.16 Other data:

## 10 STABILITY AND REACTIVITY

- 10.1 Conditions to avoid: Do not freeze. Long storage at high temperature. Naked flames.
- 10.2 Materials to avoid: Can react with oxidising agents.
- 10.3 Hazardous decomposition products: Under proper storage conditions the product is stable. In common with most inorganic substances it will burn if involved in a fire and may give off noxious fumes.

## 11 TOXICOLOGICAL INFORMATION

Product	% Present	Acute Oral Toxicity (Rat)
Acrylic Binder	22.5%	LD50 > 2500 mg/kg
Titanium Dioxide Dispersion	14%	LD50 > 5000 mg/kg
Acrylic/Butadiene Binder	4%	LD50 > 2500 mg/kg
Urea	14%	LD50 > 8471 mg/kg
Silicone Based Emulsion	0.2%	LD50 > 5000 mg/kg
Hydroxy Ethyl Cellulose	0.88%	LD50 > 2000 mg/kg
Polydi-methyl syloxane emulsion	3%	LD50 > 5000 mg/kg
Etherified melamine resin	1.5%	LD50 > 3000 mg/kg
Acrylic polymer in water dispersion	0.6%	LD50 > 5000 mg/kg
Emulsifying Agent	1.7%	LD50 > 5000 mg/kg
White Spirit	34%	LD50 > 5000 mg/kg

## 12 ECOLOGICAL INFORMATION

Although no tests have been made on aquatic organisms, on the basis of its components this product is unlikely to be harmful to the aquatic environment if discharged at levels below 10 mg/l. Waste water containing product should be thoroughly purified before discharge to sewers and watercourses.

DATE: 06.15.06 REVISION: 2

1.1 Identification of the Product WILFLEX OASIS™ ZF DISCHARGE BLENDING WHITE

### 13 DISPOSAL CONSIDERATIONS

- 13.1 Waste from residues/unused products: Dispose into authorised dump or incinerator in accordance with local and national regulations.
- 13.2 Contaminated packaging: Empty containers should be disposed of at an authorised site in accordance with local regulations.

### 14. TRANSPORT INFORMATION

#### U.S. DOT

Not regulated for ground transport in containers of 119 gallon capacity or less.

#### ADR / RID

Shipping name: FLAMMABLE LIQUID, N.O.S.  
Technical Name: (White Spirit)  
UN number: UN1993  
Class: 3 FLAMMABLE  
Packing group: III  
Labelling: 3 FLAMMABLE

#### IMDG / IMO

Shipping name: FLAMMABLE LIQUID, N.O.S.  
Technical Name: (White Spirit)  
UN number: UN1993  
Class: 3 FLAMMABLE  
Packing group: III  
Labelling: 3 FLAMMABLE  
EmS No.: F-E, S-E

#### IATA / ICAO

Shipping name: FLAMMABLE LIQUID, N.O.S.  
Technical Name: (White Spirit)  
UN number: UN1993  
Class: 3 FLAMMABLE  
Packing group: III  
Labelling: 3 FLAMMABLE

### 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: None  
Warning words: Flammable  
Risk phrases: R10: Flammable  
Safety phrases: S36: Wear suitable protective clothing.  
S51: Use only in well ventilated areas.

### 16 OTHER INFORMATION

Intended uses: Textile printing composition  
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.