



## SAFETY DATA SHEET FLEX ADD

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	FLEX ADD
PRODUCT NO.	X0026
INTERNAL ID	15940
SUPPLIER	ITW DEVCON BAY 150 SHANNON INDUSTRIAL ESTATE SHANNON CO CLARE IRELAND T: +353 (0)61471299 F: 353(0)61471285
EMERGENCY TELEPHONE	+44 (0)208 762 8322

### 2 HAZARDS IDENTIFICATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION N;R51/53.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PROPYLENE GLYCOL DIBENZOATE		19224-26-1	1-5%	N;R51/53.

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

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

#### INHALATION

Move the exposed person to fresh air at once. Contact physician if discomfort continues.

#### INGESTION

DO NOT induce vomiting. Get medical attention immediately. Drink plenty of water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

#### SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Contact physician if irritation persists.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

## FLEX ADD

### SPECIFIC HAZARDS

By heating and fire, toxic vapours/gases may be formed.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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## 6 ACCIDENTAL RELEASE MEASURES

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### PERSONAL PRECAUTIONS

Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination. Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

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## 7 HANDLING AND STORAGE

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### USAGE PRECAUTIONS

Open drum carefully as content may be under pressure. Avoid contact with skin and eyes. Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash, quick drench.

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

### HAND PROTECTION

Use protective gloves made of: Rubber or plastic.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

### SKIN PROTECTION

Wear apron or protective clothing in case of contact.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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### APPEARANCE

Liquid

### COLOUR

Colourless

### SOLUBILITY

Slightly soluble in water.

### BOILING POINT (°C)

>270

### MELTING POINT (°C)

n/d

**FLEX ADD**

RELATIVE DENSITY	1.12 20 °C	VAPOUR PRESSURE	0.00000012mmHg
pH-VALUE, CONC. SOLUTION	8.5 @ 20 °C	VISCOSITY	110cP 25
FLASH POINT (°C)	192		

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions and recommended use.

**MATERIALS TO AVOID**

Avoid contact with acids and oxidising substances. Strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50                      5313 mg/kg (oral rat)

TOXIC DOSE 2 - LD 50                      >2000 SKN RAT

TOXIC CONC. - LC 50                      >200 mg/l

**ROUTE OF ENTRY**

Inhalation. Ingestion. Skin and/or eye contact.

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Avoid releasing to the environment. The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**MOBILITY**

Do not discharge into drains, water courses or onto the ground.

**BIOACCUMULATION**

The product is not bioaccumulating.

**DEGRADABILITY**

The product is biodegradable.

**13 DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**WASTE CLASS**

08 04 99

**14 TRANSPORT INFORMATION**



UK ROAD CLASS

9

PROPER SHIPPING NAME

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PROPYLENE GLYCOL DIBENZOATE)

UN NO. ROAD

3082

UK ROAD PACK GR.

III

ADR CLASS NO.

9

**FLEX ADD**

ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.	ADR PACK GROUP	III
HAZARD No. (ADR)	90	ADR LABEL NO.	9
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	90GM6-III
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3082	IMDG CLASS	9
IMDG PAGE NO.	9	IMDG PACK GR.	III
EMS	F-A, S-F	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	3082
AIR CLASS	9	AIR PACK GR.	III

**15 REGULATORY INFORMATION**

LABELLING



Dangerous for the environment

CONTAINS PROPYLENE GLYCOL DIBENZOATE

RISK PHRASES

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S60 This material and its container must be disposed of as hazardous waste.  
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

**16 OTHER INFORMATION**

REVISION DATE 24/09/2008  
 REV. NO./REPL. SDS GENERATED 3  
 DATE 18.01.2005

RISK PHRASES IN FULL

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.