

Revision Date 11/Nov/15

Revision 2



**F2 CHEMICALS LIMITED**  
**SAFETY DATA SHEET**  
**FLUTEC TG-PPHB**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name FLUTEC TG-PPHB  
CAS-No. 116265-66-8

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**1.3. Details of the supplier of the safety data sheet**

Supplier F2 Chemicals Ltd.  
Lea Lane  
Lea Town  
Preston  
Lancs. PR4 0RZ UK  
Tel: +44(0) 1772 775804  
e-Mail: safety@f2chemicals.com

**1.4. Emergency telephone number**

+44(0) 1772 775833 (24 hrs)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (67/548/EEC) Not classified.

**2.2. Label elements**

Risk Phrases  
NC Not classified.

**2.3. Other hazards**

Not Classified as PBT/vPvB by current EU criteria.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Product name FLUTEC TG-PPHB  
CAS-No. 116265-66-8

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

General information  
Non-hazardous substance.

**4.2. Most important symptoms and effects, both acute and delayed**

General information  
Non-hazardous substance.

**4.3. Indication of any immediate medical attention and special treatment needed**

No specific first aid measures noted.

**SECTION 5: FIREFIGHTING MEASURES**

## FLUTEC TG-PPHB

### **5.1. Extinguishing media**

#### **Extinguishing media**

This product is not flammable.

### **5.2. Special hazards arising from the substance or mixture**

#### **Hazardous combustion products**

Very toxic gases/vapours/fumes of: Hydrogen fluoride (HF).

### **5.3. Advice for firefighters**

#### **Protective equipment for fire-fighters**

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

Non-hazardous substance.

### **6.2. Environmental precautions**

Avoid release to the environment.

### **6.3. Methods and material for containment and cleaning up**

Absorb in vermiculite, dry sand or earth and place into containers.

### **6.4. Reference to other sections**

For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Non-hazardous substance.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage Class**

Unspecified storage.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

Protective equipment

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Odourless.
<b>Solubility</b>	Insoluble in water

## FLUTEC TG-PPHB

<b>Initial boiling point and boiling range (°C)</b>	260
<b>Melting point (°C)</b>	-10
<b>Relative density</b>	2.05
<b>pH-Value, Conc. Solution</b>	
Not applicable.	
<b>Viscosity</b>	56 mPas
<b>Decomposition temperature (°C)</b>	>400
<b>Flash point (°C)</b>	
Not applicable.	
<b>Auto Ignition Temperature (°C)</b>	
Not applicable.	
<b>Flammability Limit - Lower(%)</b>	
Not applicable.	
<b>Flammability Limit - Upper(%)</b>	
Not applicable.	
<b>Oxidising properties</b>	
Does not meet the criteria for oxidising.	

### 9.2. Other information

<b>Refractive Index</b>	1.3376
<b>Particle Size (Micron)</b>	
Not applicable.	
<b>Mol. Weight</b>	774
<b>Critical Temperature (°C)</b>	405

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

#### **Hazardous Polymerisation**

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### **Materials To Avoid**

Alkali metals.

### 10.6. Hazardous decomposition products

Fire creates: Hydrogen fluoride (HF).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Toxicological information**

Non-hazardous substance.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### **Acute Fish Toxicity**

Not considered toxic to fish.

## FLUTEC TG-PPHB

### 12.2. Persistence and degradability

#### Degradability

The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

### 12.4. Mobility in soil

#### Mobility:

The product is insoluble in water.

### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Incinerate with provision for removal of effluent gases by scrubber.

## SECTION 14: TRANSPORT INFORMATION

#### General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

#### Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## FLUTEC TG-PPHB

**SECTION 16: OTHER INFORMATION**

<b>Revision Date</b>	11/Nov/15
<b>Revision</b>	2

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