



## SAFETY DATA SHEET XYSTON

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name XYSTON

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

Identified uses Adjuvent

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

Supplier Barclay Chemicals Manufacturing Ltd.  
Damastown Industrial Park  
Damastown Way  
Mulhuddart  
Dublin 15  
+353 1 811 29 00  
+353 1 822 46 78  
info@barclay.ie

Manufacturer Barclay Chemicals Manufacturing Ltd.  
Damastown Industrial Park  
Damastown Way  
Mulhuddart  
Dublin 15  
+353 1 811 29 00  
+353 1 822 46 78  
info@barclay.ie

#### 1.4. Emergency telephone number

Emergency telephone +353 86 385 77 69

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards Not Classified  
Health hazards Eye Irrit. 2 - H319  
Environmental hazards Aquatic Chronic 2 - H411

#### 2.2. Label elements

##### Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

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**Precautionary statements** P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P391 Collect spillage.

## 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Polyether modified siloxane fluid</b>	<b>30-60%</b>
CAS number: 134180-76-0	EC number: 603-798-4
<b>Classification</b>	
Flam. Liq. 1 - H224	
Acute Tox. 4 - H332	
Eye Irrit. 2 - H319	
Aquatic Chronic 2 - H411	
<b>Monoethylene glycol</b>	<b>10-30%</b>
CAS number: 107-21-1	EC number: 203-473-3
<b>Classification</b>	
Acute Tox. 4 - H302	
STOT RE 2 - H373	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information** Get medical advice/attention if you feel unwell.

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

**Ingestion** Get medical attention if symptoms are severe or persist.

**Skin contact** Rinse immediately with plenty of water.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

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

**Eye contact** Causes eye irritation.

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

**Notes for the doctor** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray. Dry chemicals. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** None known.

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

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**Specific hazards** Toxic gases or vapours.

**Hazardous combustion products** None known.

## 5.3. Advice for firefighters

**Protective actions during firefighting** Fight fire with normal precautions from a reasonable distance.

**Special protective equipment for firefighters** Use air-supplied respirator, gloves and protective goggles.

## SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. Keep unnecessary and unprotected personnel away from the spillage. Avoid inhalation of vapours and contact with skin and eyes.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

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

**Methods for cleaning up** Contain spillage with sand, earth or other suitable non-combustible material. Collect spillage. Place waste in labelled, sealed containers. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Do not eat, drink or smoke when using this product. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a well-ventilated place.

### 7.3. Specific end use(s)

**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

### 8.2. Exposure controls

#### Protective equipment



#### Eye/face protection

Wear eye protection.

#### Hand protection

Wear protective gloves made of the following material: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

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**Hygiene measures** Do not eat, drink or smoke when using this product. Promptly remove any clothing that becomes wet or contaminated. Provide eyewash station. Wash hands thoroughly after handling.

**Respiratory protection** Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid.
Colour	Water-white.
Flash point	> 100°C
Bulk density	1.182 kg/l

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 2,500.0

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

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## 14.1. UN number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

## 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Polyether modified siloxane fluid)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Polyether modified siloxane fluid)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Polyether modified siloxane fluid)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Polyether modified siloxane fluid)

## 14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

### Transport labels



## 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

## 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



## 14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z

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**Hazard Identification Number** 90  
(ADR/RID)

**Tunnel restriction code** (-)

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 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** Commission Regulation (EU) No 2015/830 of 28 May 2015.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
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 (as amended).

### 15.2. Chemical safety assessment

## **SECTION 16: Other information**

**Revision date** 07/01/2020

**Revision** 2

**Supersedes date** 29/08/2019

**SDS number** 5814

**Hazard statements in full** H224 Extremely flammable liquid and vapour.  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.