



## SAFETY DATA SHEET

### Barclay Propizole

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

##### 1.1. Product identifier

**Product name** Barclay Propizole

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

**Identified uses** Fungicide

##### 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  
 info@barclay.ie  
 +353 1 822 46 78

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

##### 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

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 2 - H411

**Classification (67/548/EEC or 1999/45/EC)** Xn; R65, R22. Xi; R38. N; R51/53. R43, R67

##### 2.2. Label elements

## Barclay Propizole

### Pictogram



### Signal word

Danger

### Hazard statements

H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P331 Do NOT induce vomiting.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with national regulations.

### Supplemental label information

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

### Contains

Hydrocarbons, C10, Aromatics, <1% Naphthalene, propiconazole (ISO), Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts, Solvent naphtha (petroleum), heavy arom.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Hydrocarbons, C10, Aromatics, &lt;1% Naphthalene</b>		<b>60-100%</b>
CAS number: —		EC number: 918-811-1
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
STOT SE 3 - H336	Xn; R65. N; R51/53. R67	
Asp. Tox. 1 - H304		
STOT SE 3 - H336		
Aquatic Chronic 2 - H411		
<b>propiconazole (ISO)</b>		<b>10-30%</b>
CAS number: 60207-90-1		EC number: 262-104-4
M factor (Acute) = 1		M factor (Chronic) = 1
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn; R22. N; R50/53. R43	
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

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<b>Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts</b>		<b>1-5%</b>
CAS number: 68953-96-8                      EC number: 273-234-6		
<b>Classification</b> Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R21. Xi; R41, R38. N; R51/53	
<b>Solvent naphtha (petroleum), heavy arom.</b>		<b>1-5%</b>
CAS number: 64742-94-5                      EC number: 265-198-5		
<b>Classification</b> Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R65. N; R51/53	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Show this Safety Data Sheet to the medical personnel. Treat symptomatically.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Get medical attention immediately. Keep affected person under observation. Do not induce vomiting unless under the direction of medical personnel. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Keep affected person under observation. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.
<b>Eye contact</b>	Remove affected person from source of contamination. Get medical attention immediately. Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Keep affected person under observation. Show this Safety Data Sheet to the medical personnel.

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

<b>General information</b>	See Section 11 for additional information on health hazards.
<b>Inhalation</b>	Coughing. Sore throat. Vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	May cause eye irritation. Redness.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## Barclay Propizole

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** None known.

**Hazardous combustion products** None known.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Do not use water jet as an extinguisher, as this will spread the fire. Avoid breathing fire gases or vapours. Contain and collect extinguishing water. Fight fire from safe distance or protected location. If risk of water pollution occurs, notify appropriate authorities. Move containers from fire area if it can be done without risk.

**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.

#### 6.2. Environmental precautions

**Environmental precautions** Toxic to aquatic life with long lasting effects. Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Environmental Manager must be informed of all major spillages.

#### 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** Avoid contact with skin and eyes. Do not empty into drains. Do not eat, drink or smoke when using this product. Protect from freezing and direct sunlight.

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

**Storage precautions** Keep away from food, drink and animal feeding stuffs. Keep only in the original container. Protect from freezing and direct sunlight.

**Storage class** Miscellaneous hazardous material storage.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## Barclay Propizole

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Protective equipment



##### Eye/face protection

Tight-fitting safety glasses.

##### Hand protection

Wear protective gloves made of the following material: Nitrile rubber.

##### 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

If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and Chemical Properties

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

Appearance	Clear liquid.
Colour	Amber.
Odour	aromatic hydrocarbons
pH	pH (concentrated solution): 4.0 - 4.5
Relative density	0.96 - 0.99 @ 20°C
Solubility(ies)	Forms an emulsion with water.
Comments	Information given is applicable to the product as supplied.

#### 9.2. Other information

Other information	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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#### 10.4. Conditions to avoid

Conditions to avoid	Avoid freezing. There are no known conditions that are likely to result in a hazardous situation.
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#### 10.5. Incompatible materials

Materials to avoid	None known.
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#### 10.6. Hazardous decomposition products

## Barclay Propizole

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 1,960.78

##### Acute toxicity - dermal

ATE dermal (mg/kg) 35,889.07

##### Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Inhalation May cause drowsiness or dizziness.

Ingestion Harmful if swallowed.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

### SECTION 12: Ecological Information

Ecotoxicity Toxic to aquatic life with long lasting effects.

#### 12.1. Toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 2.5 mg/l, Fish

Acute toxicity - aquatic invertebrates LC<sub>50</sub>, 48 hours: 25.6 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 10.7 mg/l, Algae

#### 12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Biodegradation Not available.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

#### 12.4. Mobility in soil

Mobility The product is miscible with water and may spread in water systems.

#### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

Other adverse effects None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information This material and its container must be disposed of as hazardous waste. Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

## Barclay Propizole

### 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 Hydrocarbons, C10, Aromatics, <1% Naphthalene, Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Hydrocarbons, C10, Aromatics, <1% Naphthalene, Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Hydrocarbons, C10, Aromatics, <1% Naphthalene, Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Hydrocarbons, C10, Aromatics, <1% Naphthalene, Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts)

### 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



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### 14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 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	<p>Dangerous Preparations Directive 1999/45/EC.</p> <p>Dangerous Substances Directive 67/548/EEC.</p> <p>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).</p> <p>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).</p>
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### 15.2. Chemical safety assessment

An Exposure Scenario has not been prepared as a CSR was not required for registration.

## SECTION 16: Other information

Revision date	07/07/2015
Revision	1
SDS number	4856
Risk phrases in full	<p>R21 Harmful in contact with skin.</p> <p>R22 Harmful if swallowed.</p> <p>R38 Irritating to skin.</p> <p>R41 Risk of serious damage to eyes.</p> <p>R43 May cause sensitisation by skin contact.</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R65 Harmful: may cause lung damage if swallowed.</p> <p>R67 Vapours may cause drowsiness and dizziness.</p>



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### Hazard statements in full

H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

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.