

# Safety Data Sheet

According to Regulation (EC) No. 1907/2006, Annex II,  
as amended by Regulation (EU) No. 453/2010

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**ADH ADHESIVE**

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

### 1.1. Product identifier

**Product name** ADH ADHESIVE  
**Product number** EC2005

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

**Identified uses** Adhesive.  
**Uses advised against** No specific uses advised against are identified.

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

**Supplier:** Axter Ltd, Harbour Landing, Fox's Marina,  
The Strand, Wherstead, Ipswich IP2 8NJ  
Tel: +44 (0) 1473 724056  
Email: [info@axterltd.co.uk](mailto:info@axterltd.co.uk)  
Website: [www.axter.co.uk](http://www.axter.co.uk)

- 1.4 Emergency telephone:** Axter Ltd - +44 (0) 1473 724056  
(this line is open from 8.00 am to 5.30 pm, Monday to Friday).  
In the event of a medical enquiry involving this product, members of the public should contact:  
NHS 111  
a doctor or  
a local hospital accident and emergency department.  
The NPIS (National Poisons Information Service) helpline is available for enquiries from medical professionals only.  
Tel: 0344 892 0111 892 0111

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (EC 1272/2008)

##### Physical hazards

Not Classified

##### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334  
Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT  
RE 2 - H373

##### Environmental hazards

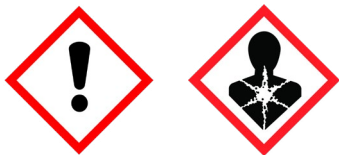
Not Classified

##### Human health

May cause sensitisation by inhalation. Contains non-volatile isocyanate. Heating may generate vapours which irritate the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### 2.2. Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

#### Precautionary statements

P260 Do not breathe vapour/ spray.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 If exposed or concerned: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label information****Contains**

EUH204 Contains isocyanates. May produce an allergic reaction.

DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)

**Supplementary precautionary statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P284 [In case of inadequate ventilation] wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/ doctor if you feel unwell.

P314 Get medical advice/ attention if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTRE/ doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

**2.3. Other hazards****Section 3: Composition/information on ingredients****3.2. Mixtures**

DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)

30-60%

CAS number: 9016-87-9

REACH registration number:  
01-2119457024-46-0006**Classification**

Acute Tox. 4 - H332

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Resp. Sens. 1 - H334

Skin Sens. 1 - H317

Carc. 2 - H351

STOT SE 3 - H335

STOT RE 2 - H373

PHOSPHORIC ACID ...%

&lt;1%

CAS number: 7664-38-2

EC number: 231-633-2

REACH registration number:  
01-2119485924-24-0070**Classification**Met. Corr. 1 - H290  
Acute Tox. 4 - H302  
Skin Corr. 1B - H314

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

Remove affected person from source of contamination.

#### Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

#### Ingestion

DO NOT induce vomiting. Get medical attention immediately.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

#### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation

Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Prolonged skin contact may cause redness and irritation.

#### Eye contact

Severe irritation, burning and tearing.

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

#### Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.

## Section 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Extinguish with 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

The product is non-combustible. Irritating gases or vapours.

#### Hazardous combustion products

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

### 5.3. Advice for firefighters

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.

**Special protective equipment for firefighters**

Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## Section 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Absorb spillage with noncombustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

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

**Storage precautions** Store in closed original container at temperatures between 5°C and 25°C.

**Storage class** Chemical storage.

### 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

#### Occupational exposure limits

#### **DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**

Long-term exposure limit (8-hour TWA): WEL 0.07 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 0.02 mg/m<sup>3</sup>

#### **PHOSPHORIC ACID ...%**

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### **Ingredient comments**

WEL = Workplace Exposure Limits

#### **DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES) (CAS: 9016-87-9)**

#### **Ingredient comments**

WEL = Workplace Exposure Limits

#### **DNEL**

Workers - Dermal; Short term systemic effects: 50 mg/kg

Workers - Inhalation; Short term systemic effects: 0.1 mg/m<sup>3</sup>

Workers - Dermal; Short term local effects: 28.7 mg/cm<sup>2</sup>

Workers - Inhalation; Short term local effects: 0.1 mg/m<sup>3</sup>

Workers - Inhalation; Long term systemic effects: 0.05 mg/m<sup>3</sup>

Workers - Inhalation; Long term local effects: 0.05 mg/m<sup>3</sup>

General population - Dermal; Short term systemic effects: 25 mg/kg

General population - Inhalation; Short term systemic effects:

0.05 mg/m<sup>3</sup>

General population - Oral; Short term systemic effects: 20 mg/kg

General population - Dermal; Short term local effects: 17.2 mg/cm<sup>2</sup>

General population - Inhalation; Short term local effects: 0.05 mg/m<sup>3</sup>

General population - Inhalation; Long term systemic effects:

0.025 mg/m<sup>3</sup>

General population - Inhalation; Long term local effects: 0.025 mg/m<sup>3</sup>

#### **PNEC**

Fresh water; 1 mg/l

Marine water; 0.1 mg/l

Soil; 1 mg/kg dry weight

STP; 1 mg/l

#### **2,2'DIMORPHOLINYLDIETHYL ETHER (CAS: 6425-39-4)**

#### **DNEL**

Workers - Inhalation; Long term systemic effects: 7.28 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 1 mg/kg bw/day

Consumer - Inhalation; Long term systemic effects: 1.8 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 0.5 mg/kg bw/day

Consumer - Oral; Long term systemic effects: 0.5 mg/kg bw/day

#### **PNEC**

Fresh water; 0.1 mg/l

Marine water; 0.01 mg/l

Intermittent release; 1 mg/l

Sediment (Freshwater); 8.2 mg/kg

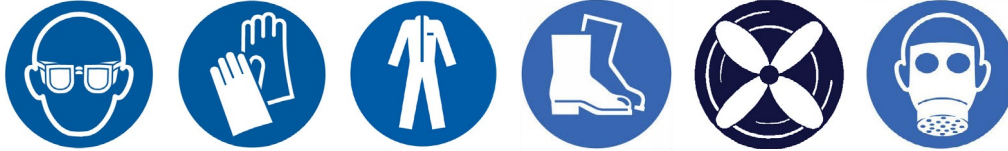
Sediment (Marinewater); 0.82 mg/kg

STP; 100 mg/l

Soil; 1.58 mg/kg

## 8.2. Exposure controls

### Protective equipment



<b>Appropriate engineering controls</b>	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
<b>Eye/face protection</b>	Wear chemical splash goggles.
<b>Hand protection</b>	It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.
<b>Other skin and body protection</b>	Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.
<b>Hygiene measures</b>	Use engineering controls to reduce air contamination to permissible exposure level. Wash hands after handling. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. When spraying, wear a suitable supplied-air respirator.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

## Section 9: Physical and Chemical Properties

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

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	Musty (mouldy).
<b>Odour threshold</b>	Not available.
<b>pH</b>	Estimated value. pH (concentrated solution): 7-8
<b>Melting point</b>	<10°C
<b>Initial boiling point and range</b>	330°C @ mbar
<b>Flash point</b>	>200°C CC (Closed cup).
<b>Evaporation rate</b>	slow
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Estimated value. : 0.6% - 11.5%
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	0.01 Pa @ °C

<b>Vapour density</b>	8.5
<b>Relative density</b>	1.12
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water. Hardens in contact with water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	>600°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	90-130 mPa s @ 25°C
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information given is applicable to the product as supplied.

**9.2. Other information**

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.
<b>Volatile organic compound</b>	No information available.

**Section 10: Stability and reactivity****10.1. Reactivity**

<b>Reactivity</b>	The product will harden into a solid mass in contact with water and moisture.
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**10.2. Chemical stability**

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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**10.3. Possibility of hazardous reactions**

<b>Possibility of hazardous reactions</b>	Not applicable. May polymerise.
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**10.4. Conditions to avoid**

<b>Conditions to avoid</b>	Avoid contact with water.
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**10.5. Incompatible materials****10.6. Hazardous decomposition products**

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.
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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Acute toxicity - oral</b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	10,000.0
<b>Species</b>	Rat
<b>Acute toxicity - dermal</b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	10,000.0
<b>Species</b>	Rabbit
<b>Acute toxicity - inhalation</b>	
<b>ATE inhalation (vapours mg/l)</b>	31.43
<b>Skin corrosion/irritation</b>	
<b>Animal data</b>	Irritating.
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Moderately irritating.
<b>Respiratory sensitisation</b>	
<b>Respiratory sensitisation</b>	Sensitising.
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	Suspected carcinogen based on limited evidence.
<b>Target organ for carcinogenicity</b>	No specific target organs known.
<b>Reproductive toxicity</b>	
<b>Reproductive toxicity - development</b>	This substance has no evidence of toxicity to reproduction.
<b>Specific target organ toxicity - repeated exposure</b>	
<b>STOT - repeated exposure</b>	Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.
<b>Aspiration hazard</b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.
<b>Inhalation</b>	Irritating to respiratory system. May cause sensitisation by inhalation.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Irritating to skin. May cause sensitisation by skin contact.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.
<b>Acute and chronic health hazards</b>	May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation. Frequent inhalation of vapours may cause respiratory allergy.
<b>Route of entry</b>	Inhalation Skin and/or eye contact
<b>Medical symptoms</b>	Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.
<b>Medical considerations</b>	Chronic respiratory and obstructive airway diseases.
<b>Toxicological information on ingredients.</b>	

**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)****Acute toxicity - oral****Acute toxicity oral (LD<sub>50</sub> mg/kg)** 10,000.0**Species** Rat**ATE oral (mg/kg)** 10,000.0**Acute toxicity - dermal****Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 9,400.0**Species** Rabbit**ATE dermal (mg/kg)** 9,400.0**Acute toxicity - inhalation****Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l)** 0.493**Species** Rat**ATE inhalation (vapours mg/l)** 11.0**Skin corrosion/irritation****Animal data** Irritating.**Serious eye damage/irritation****Serious eye damage/irritation** Moderately irritating.**Respiratory sensitisation****Respiratory sensitisation** Sensitising.**Carcinogenicity****Carcinogenicity** Suspected carcinogen based on limited evidence.**Target organ for carcinogenicity** No specific target organs known.**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.**Reproductive toxicity****Reproductive toxicity - development** This substance has no evidence of toxicity to reproduction.**Specific target organ toxicity - repeated exposure****STOT - repeated exposure** Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.**Aspiration hazard****Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.**Inhalation** Irritating to respiratory system. May cause sensitisation by inhalation.**Ingestion** May cause stomach pain or vomiting.**Skin contact** Irritating to skin. May cause sensitisation by skin contact.**Eye contact** Irritation of eyes and mucous membranes.**Acute and chronic health hazards** May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation. Frequent inhalation of vapours may cause respiratory allergy.

<b>Route of entry</b>	Inhalation Skin and/or eye contact
<b>Medical symptoms</b>	Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.
<b>Medical considerations</b>	Chronic respiratory and obstructive airway diseases.
<b>2,2'DIMORPHOLINYLDIETHYL ETHER</b>	
<b>Acute toxicity - oral</b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	2,025.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	No information available.
<b>Acute toxicity - dermal</b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	3,038.0
<b>Species</b>	Rabbit
<b>Notes (dermal LD<sub>50</sub>)</b>	No information available.
<b>Acute toxicity - inhalation</b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	No information available.
<b>Skin corrosion/irritation</b>	
<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	No information available.
<b>Respiratory sensitisation</b>	
<b>Respiratory sensitisation</b>	No information available.
<b>Skin sensitisation</b>	
<b>Skin sensitisation</b>	No information available.
<b>Carcinogenicity</b>	
<b>IARC carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Inhalation</b>	May be harmful if inhaled. Spray/mists may cause respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin contact</b>	May be absorbed through the skin. May be harmful in contact with skin. May cause skin irritation.
<b>Eye contact</b>	May cause eye irritation.
<b>BENZOYL CHLORIDE</b>	
<b>Acute toxicity - oral</b>	
<b>Acute toxicity oral (LD<sub>50</sub>mg/kg)</b>	1,900.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	1,900.0
<b>Acute toxicity - dermal</b>	
<b>Acute toxicity dermal (LD<sub>50</sub>mg/kg)</b>	790.0
<b>Species</b>	Rat
<b>ATE dermal (mg/kg)</b>	790.0

<b>Acute toxicity - inhalation</b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)</b>	1.45
<b>Species</b>	Rat
<b>ATE inhalation (vapours mg/l)</b>	1.45
<b>Carcinogenicity</b>	
<b>IARC carcinogenicity</b>	IARC Group 2A Probably carcinogenic to humans.
<b>PHOSPHORIC ACID ...%</b>	
<b>Acute toxicity - oral</b>	
<b>ATE oral (mg/kg)</b>	500.0

## Section 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### Ecological information on ingredients.

#### DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)

**Ecotoxicity** The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 1000 mg/l, Freshwater fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

### Ecological information on ingredients.

#### DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 1000 mg/l, Freshwater fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms** EC<sub>50</sub>, 3 hours: 100 mg/l, Activated sludge

##### Chronic toxicity - aquatic invertebrates

NOEC, 21 days: 10 mg/l, Daphnia magna

#### 2,2'DIMORPHOLINYLDIETHYL ETHER

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2150 mg/l,

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >100 mg/l, Daphnia magna

**Acute toxicity - microorganisms** EC<sub>50</sub>, 3 hours: >1000 mg/l, Bacteria

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

**Stability (hydrolysis)** Reacts with water.

**Biological oxygen demand** < 10 g O<sub>2</sub>/g substance

### Ecological information on ingredients.

**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)****Persistence and degradability** The product is not readily biodegradable.**Stability (hydrolysis)** Reacts with water.**Biological oxygen demand** < 10 g O<sub>2</sub>/g substance**12.3. Bioaccumulative potential****Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.**Partition coefficient** Not available.**Ecological information on ingredients.****DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)****Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.**Partition coefficient** Not available.**12.4. Mobility in soil****Mobility** The product is non-volatile.**Ecological information on ingredients.****DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)****Mobility** The product is non-volatile.**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.**Ecological information on ingredients.****DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)****Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.**12.6. Other adverse effects****Section 13: Disposal considerations****13.1. Waste treatment methods****General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## Section 14: Transport information

### General

Wear protective clothing as described in Section 8 of this safety data sheet.

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

### Transport labels

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 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 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

#### National regulations

Health and Safety at Work etc. Act 1974 (as amended).  
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Control of Substances Hazardous to Health Regulations 2002 (as amended).

#### EU legislation

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.  
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).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## Section 16: Other information

<b>Revision date</b>	26/09/2024
<b>Revision</b>	22
<b>Supersedes date</b>	06/08/2020
<b>Hazard statements in full</b>	H290 May be corrosive to metals H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure.
<b>Store Between</b>	Store Between 5°C to 25°C

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