



## SAFETY DATA SHEET ARDEX WPM 300 PART B

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

#### 1.1. Product identifier

**Product name** ARDEX WPM 300 PART B

#### 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** Ardex UK Limited  
Homefield Road  
Haverhill  
Suffolk  
CB9 8QP  
01440 714939

**Contact person** safetydatasheets@ardex.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 870 190 6777 (24 hours)

**National emergency telephone number** ROI:- +353 (0)1 809 2166 (available 8am-10pm, 7 days)

### SECTION 2: Hazards identification

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

##### Classification (SI 2019 No. 720)

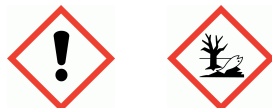
**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 2 - H411

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Warning

**Hazard statements**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statements</b> | <p>P102 Keep out of reach of children.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P280 Wear protective clothing, gloves, eye and face protection.</p> <p>P273 Avoid release to the environment.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |
| <b>Contains</b>                 | <p>bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, OXIRANE, MONO [(C12-14-ALKYLOXY)METHYL] DERIVS, Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</p>                                                                                                                                                                                                                                                                                                                       |

### 2.3. Other hazards

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

#### 3.2. Mixtures

|                                                                                                                                                                                            |  |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| <b>bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE</b>                                                                                                                                              |  | <b>10-30%</b> |
| CAS number: 1675-54-3                      EC number: 216-823-5                                                                                                                            |  |               |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317<br>Aquatic Chronic 2 - H411                                                                    |  |               |
| <b>OXIRANE, MONO [(C12-14-ALKYLOXY)METHYL] DERIVS</b>                                                                                                                                      |  | <b>1-5%</b>   |
| CAS number: 68609-97-2                                                                                                                                                                     |  |               |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Skin Sens. 1 - H317                                                                                                                       |  |               |
| <b>BRONOPOL (INN)</b>                                                                                                                                                                      |  | <b>&lt;1%</b> |
| CAS number: 52-51-7                      EC number: 200-143-0<br>M factor (Acute) = 10                      M factor (Chronic) = 1                                                         |  |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |  |               |

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|                                                                                                                                                                                                                      |  |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|
| <b>Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</b>                                                                                                                      |  | <b>&lt;1%</b>          |
| CAS number: 55965-84-9                                                                                                                                                                                               |  |                        |
| M factor (Acute) = 10                                                                                                                                                                                                |  | M factor (Chronic) = 1 |
| <b>Classification</b><br>Acute Tox. 3 - H301<br>Acute Tox. 2 - H310<br>Acute Tox. 2 - H330<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Skin Sens. 1 - H317<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |  |                        |

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | No specific recommendations.                                                                                                                                                                       |
| <b>Inhalation</b>          | Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.                                                                                  |
| <b>Ingestion</b>           | Rinse mouth thoroughly with water. Get medical attention immediately.                                                                                                                              |
| <b>Skin contact</b>        | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.                                                            |
| <b>Eye contact</b>         | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions. |

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

|                            |                                            |
|----------------------------|--------------------------------------------|
| <b>General information</b> | No further relevant information available. |
|----------------------------|--------------------------------------------|

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

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                       |                                                                                                                   |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | CO <sub>2</sub> , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.                                            |

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

|                                      |                                                                                                                          |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours. |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------|

#### 5.3. Advice for firefighters

|                                               |                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------|
| <b>Protective actions during firefighting</b> | Avoid breathing fire gases or vapours. Put on breathing apparatus. |
|-----------------------------------------------|--------------------------------------------------------------------|

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### SECTION 6: Accidental release measures

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

**Personal precautions**      Wear protective clothing and gloves.

#### 6.2. Environmental precautions

**Environmental precautions**      Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up**      Collect spillage with granulates, sawdust, rags or other absorbent. Prevent discharge of larger quantity to drain. Do not let washing down water contaminate ponds or waterways.

#### 6.4. Reference to other sections

**Reference to other sections**      For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**      Do not eat, drink or smoke when using this product. Provide adequate ventilation.

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

**Storage precautions**      Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures.

#### 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

##### bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE (CAS: 1675-54-3)

**DNEL**      Workers - Dermal; : 8.33 mg/kg/day  
Workers - Inhalation; : 12.25 mg/m<sup>3</sup>

##### OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS (CAS: 68609-97-2)

**DNEL**      Workers - Dermal; Short term : 3.9 mg/kg/day  
Workers - Inhalation; Short term : 13.8 mg/m<sup>3</sup>

**PNEC**      Fresh water; 0.0072 mg/l  
marine water; 0.00072 mg/l

#### 8.2. Exposure controls

##### Protective equipment



### SECTION 9: Physical and chemical properties

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

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|                         |                                   |
|-------------------------|-----------------------------------|
| <b>Appearance</b>       | Clear, yellowish liquid.          |
| <b>Colour</b>           | Yellowish.                        |
| <b>Odour</b>            | Characteristic.                   |
| <b>Odour threshold</b>  | Not determined.                   |
| <b>pH</b>               | pH (concentrated solution): 8 - 9 |
| <b>Vapour pressure</b>  | Not determined.                   |
| <b>Relative density</b> | ~ 1.5 g/cm <sup>3</sup>           |
| <b>Solubility(ies)</b>  | Partly miscible.                  |
| <b>Viscosity</b>        | Not available.                    |

### 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** None known.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid freezing.

##### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong alkalis.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

###### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

###### Respiratory sensitisation

**Respiratory sensitisation** Not applicable.

###### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

###### Germ cell mutagenicity

**Genotoxicity - in vitro** Not applicable.

**Genotoxicity - in vivo** Not applicable.

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### Carcinogenicity

**Carcinogenicity** Not applicable.

### Reproductive toxicity

**Reproductive toxicity - fertility** Not applicable.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not applicable.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not applicable.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### Toxicological information on ingredients.

#### OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 26,800.0

**Species** Rat

**ATE oral (mg/kg)** 26,800.0

#### Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

##### Acute toxicity - dermal

**ATE dermal (mg/kg)** 50.0

##### Acute toxicity - inhalation

**ATE inhalation (gases ppm)** 100.0

**ATE inhalation (vapours mg/l)** 0.5

**ATE inhalation (dusts/mists mg/l)** 0.05

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecological information on ingredients.

#### OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 1800 mg/l, *Lepomis macrochirus* (Bluegill)  
LC<sub>50</sub>, 96 hours: >5000 mg/l, *Oncorhynchus mykiss* (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 7.2 mg/l, *Daphnia magna*

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 844 mg/l, *Selenastrum capricornutum*

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BRONOPOL (INN)Acute aquatic toxicityLE(C)<sub>50</sub> 0.01 < L(E)C<sub>50</sub> ≤ 0.1

M factor (Acute) 10

Chronic aquatic toxicity

M factor (Chronic) 1

Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)Acute aquatic toxicityLE(C)<sub>50</sub> 0.01 < L(E)C<sub>50</sub> ≤ 0.1

M factor (Acute) 10

Chronic aquatic toxicity

M factor (Chronic) 1

**12.2. Persistence and degradability****Persistence and degradability** The product is not expected to be biodegradable.Ecological information on ingredients.OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS**Biodegradation** The substance is readily biodegradable.**12.3. Bioaccumulative potential**Ecological information on ingredients.OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS**Bioaccumulative potential** Potentially bioaccumulating. BCF: ~ 160-263, Estimated value., Fish**Partition coefficient** Partition coefficient, n-octanol/water log Pow 3.77: OEECD 107 test: shake flask method.**12.4. Mobility in soil****Mobility** Not considered mobile.Ecological information on ingredients.OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS**Mobility** Not considered mobile.**Adsorption/desorption coefficient** K<sub>oc</sub> >5000 OECD 121: HPLC method.**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.OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

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**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** Not applicable.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

**Disposal methods** For disposal, local regulations issued by the authorities must be observed. Dispose of liquid components at a suitable incineration plant. After curing, the product can be disposed of with household waste.

## SECTION 14: Transport information

### 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

|                                       |                                                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Proper shipping name (ADR/RID)</b> | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW ≤ 700 ), BRONOPOL (INN)) |
| <b>Proper shipping name (IMDG)</b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW ≤ 700 ), BRONOPOL (INN)) |
| <b>Proper shipping name (ICAO)</b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW ≤ 700 ), BRONOPOL (INN)) |
| <b>Proper shipping name (ADN)</b>     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW ≤ 700 ), BRONOPOL (INN)) |

### 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 |

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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

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 Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

Revision comments 2

Issued by UK Regulatory and Product Compliance Officer

Revision date 21/11/2021

Supersedes date 14/06/2018

SDS number 20441

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**Hazard statements in full**

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H310 Fatal in contact with skin.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H335 May cause respiratory irritation.  
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.