



## SAFETY DATA SHEET ARDEX WPM 200 Part A

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

#### 1.1. Product identifier

**Product name** ARDEX WPM 200 Part A

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

**Identified uses** For professional use only. Primer. Damp Proof Membrane. Waterproof coating.

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

#### 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)

### 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

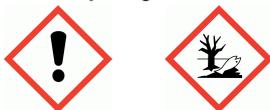
**Environmental hazards** Aquatic Chronic 2 - H411

**Human health** Irritating to eyes and skin. May cause sensitisation by skin contact.

**Environmental** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Warning

## ARDEX WPM 200 Part A

<b>Hazard statements</b>	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.
<b>Precautionary statements</b>	P102 Keep out of reach of children. P261 Avoid breathing vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/ container in accordance with national regulations.
<b>Supplemental label information</b>	EUH205 Contains epoxy constituents. May produce an allergic reaction.
<b>Contains</b>	EPOXY RESIN (Number average MW <= 700 ), OXIRANE, MONO [(C12-14-ALKYLOXY)METHYL] DERIVS, BISPHENOL F EPICHLOROHYDRIN RESIN

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>EPOXY RESIN (Number average MW &lt;= 700 )</b>	<b>10-30%</b>
CAS number: 25068-38-6	EC number: 500-033-5
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
<b>OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS</b>	<b>10-30%</b>
CAS number: 68609-97-2	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
<b>BISPHENOL F EPICHLOROHYDRIN RESIN</b>	<b>1-5%</b>
CAS number: 28064-14-4	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	

## ARDEX WPM 200 Part A

<b>DI-ISOBUTYL KETONE</b>	<b>&lt;1%</b>
CAS number: 108-83-8	EC number: 203-620-1
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H335	

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>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	No further information available.
<b>Inhalation</b>	This product is strongly irritating.
<b>Ingestion</b>	Nausea, vomiting.
<b>Skin contact</b>	The product contains a sensitising substance.
<b>Eye contact</b>	Irritating and may cause redness and pain.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<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>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Fight fire from safe distance or protected location.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## ARDEX WPM 200 Part A

### 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**    Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

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

**Methods for cleaning up**        Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. Clean contaminated objects and areas thoroughly, observing environmental regulations.

#### 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 spilling. 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 dry, cool and well-ventilated place. Keep only in the original container.

**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

#### **DI-ISOBUTYL KETONE**

Long-term exposure limit (8-hour TWA): WEL 25 ppm 148 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

**Ingredient comments**            WEL = Workplace Exposure Limits

#### EPOXY RESIN (Number average MW <= 700 ) (CAS: 25068-38-6)

<b>DNEL</b>	Professional - Dermal; Short term systemic effects: 8.3 mg/kg/day
	Professional - Inhalation; Short term systemic effects: 12.3 mg/m <sup>3</sup>
	Professional - Dermal; Long term systemic effects: 8.3 mg/kg/day
	Professional - Inhalation; Long term systemic effects: 12.3 mg/m <sup>3</sup>
	Consumer - Dermal; Short term systemic effects: 3.6 mg/kg/day
	Consumer - Inhalation; Short term systemic effects: 0.75 mg/m <sup>3</sup>
	Consumer - Oral; Short term systemic effects: 0.75 mg/kg/day
	Consumer - Dermal; Long term systemic effects: 3.6 mg/kg/day
	General population - Inhalation; Long term systemic effects: 0.75 mg/m <sup>3</sup>
	General population - Oral; Long term systemic effects: 0.75 mg/kg/day

## ARDEX WPM 200 Part A

**PNEC** Fresh water; 0.003 mg/l  
marine water; 0.0003 mg/l

### 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

### BISPHENOL F EPICHLOROHYDRIN RESIN (CAS: 28064-14-4)

**DNEL** Workers - Dermal; Short term : 29.39 mg/m<sup>3</sup>  
Workers - Dermal; Short term : 104.15 mg/kg/day

**PNEC** Fresh water; 0.003 mg/l  
marine water; 0.0003 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Wear chemical splash goggles.

### Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). Thickness: ≥ 0.1 mm The selected gloves should have a breakthrough time of at least 8 hours.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. It is recommended to use respiratory equipment with combination filter, type A2/P2.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Coloured paste.
<b>Colour</b>	Various colours.
<b>Odour</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): 8-9
<b>Initial boiling point and range</b>	200°C
<b>Flash point</b>	>100°C
<b>Relative density</b>	~ 1.3

## ARDEX WPM 200 Part A

**Solubility(ies)** Forms an emulsion with water.

**Auto-ignition temperature** >350°C

### 9.2. Other information

**Other information** No information required.

## 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.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not determined.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time. Avoid contact with acids. Strong oxidising agents.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** No significant hazard at normal ambient temperatures. Heating may generate the following products: Toxic gases or vapours.

**Ingestion** Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

**Skin contact** May cause sensitisation by skin contact.

**Eye contact** Irritating to eyes.

**Acute and chronic health hazards** May cause respiratory system irritation. May cause sensitisation by skin contact. The product contains an epoxy resin. May cause sensitisation or allergic reactions in sensitive individuals.

**Route of exposure** Inhalation Skin absorption Skin and/or eye contact

**Target organs** No specific target organs known.

### Toxicological information on ingredients.

#### EPOXY RESIN (Number average MW ≤ 700 )

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 11,400.0

**ARDEX WPM 200 Part A**

**Species** Rat  
**ATE oral (mg/kg)** 11,400.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 20,000.0

**Species** Rabbit  
**ATE dermal (mg/kg)** 20,000.0

**Skin contact** Slightly irritating.

**OXIRANE, MONO [(C12-14- ALKYL OXY)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

**BISPHENOL F EPICHLOROHYDRIN RESIN**

**Inhalation** No significant hazard at normal ambient temperatures. Heating may generate the following products: Harmful gases or vapours.

**Ingestion** Harmful if swallowed.

**Skin contact** Slightly irritating. May cause sensitisation by skin contact.

**Eye contact** Irritating to eyes.

**SECTION 12: Ecological information**

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**12.1. Toxicity****Ecological information on ingredients.****EPOXY RESIN (Number average MW ≤ 700 )****Acute aquatic toxicity**

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 1.3 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 2.1 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** LC<sub>50</sub>, 72 hours: 11 mg/l, Algae

**Chronic aquatic toxicity**

**Chronic toxicity - fish early life stage** LC<sub>50</sub>, 96 hours: 2 mg/l, Oncorhynchus mykiss (Rainbow trout)

## ARDEX WPM 200 Part A

**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 0.3 mg/l, Daphnia magna

### 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>80</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

### BISPHENOL F EPICHLOROHYDRIN RESIN

**Toxicity** Toxic to aquatic life.

**Acute aquatic toxicity**

**Acute toxicity - fish** EC<sub>50</sub>, 96 hour: 2.54 mg/l, Leuciscus idus (Golden orfe)

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 48 hour: 2.55 mg/l, Daphnia magna

### 12.2. Persistence and degradability

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

### Ecological information on ingredients.

#### EPOXY RESIN (Number average MW <= 700 )

**Persistence and degradability** Not expected to be readily biodegradable.

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

**Biodegradation** The substance is readily biodegradable.

### BISPHENOL F EPICHLOROHYDRIN RESIN

**Persistence and degradability** Not expected to be readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No information available.

### Ecological information on ingredients.

#### EPOXY RESIN (Number average MW <= 700 )

**Bioaccumulative potential** BCF: 3-31,

**Partition coefficient** Partition coefficient, n-octanol/water log Pow 3.2 estimated.

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

**Bioaccumulative potential** Potentially bioaccumulating. BCF: ~ 160-263, Estimated value., Fish

## ARDEX WPM 200 Part A

**Partition coefficient** Partition coefficient, n-octanol/water log Pow 3.77: OEECD 107 test: shake flask method.

### BISPHENOL F EPICHLOROHYDRIN RESIN

**Bioaccumulative potential** BCF: 100-3000,

#### 12.4. Mobility in soil

##### Ecological information on ingredients.

### EPOXY RESIN (Number average MW <= 700 )

**Adsorption/desorption coefficient** Expected to have a low potential for adsorption.

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

**Mobility** Not considered mobile.

**Adsorption/desorption coefficient** Koc >5000 OECD 121: HPLC method.

### BISPHENOL F EPICHLOROHYDRIN RESIN

**Adsorption/desorption coefficient** Not available.

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

##### Ecological information on ingredients.

### EPOXY RESIN (Number average MW <= 700 )

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

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

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

### BISPHENOL F EPICHLOROHYDRIN RESIN

**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 relevant.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**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**

### 14.1. UN number

## ARDEX WPM 200 Part A

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 ), BISPHENOL F EPICHLOROHYDRIN RESIN)
<b>Proper shipping name (IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), BISPHENOL F EPICHLOROHYDRIN RESIN)
<b>Proper shipping name (ICAO)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), BISPHENOL F EPICHLOROHYDRIN RESIN)
<b>Proper shipping name (ADN)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), BISPHENOL F EPICHLOROHYDRIN RESIN)

### 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

## ARDEX WPM 200 Part A

Hazard Identification Number 90  
(ADR/RID)

Tunnel restriction code (E)

### 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

Guidance Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Key literature references and sources for data Selected exposure, bioaccumulation and toxicology data taken from Dow and Momentive MSDSs

Revision comments 2

Issued by Research and Development Manager

Revision date 13/04/2018

SDS number 20343

Hazard statements in full  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
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.



## SAFETY DATA SHEET ARDEX WPM 200 Part B

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

#### 1.1. Product identifier

**Product name** ARDEX WPM 200 Part B

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

**Identified uses** For professional use only. Primer. Damp Proof Membrane. Waterproof coating.

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

#### 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 Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 1B - H360Fd

**Environmental hazards** Aquatic Chronic 2 - H411

#### 2.2. Label elements

##### Hazard pictograms



**Signal word**

Danger

##### Hazard statements

H318 Causes serious eye damage.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H360Fd May damage fertility. Suspected of damaging the unborn child.  
H411 Toxic to aquatic life with long lasting effects.

## ARDEX WPM 200 Part B

<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>
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<b>Contains</b>	<p>Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine, Fatty Acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine reaction products with bisphenol A diglycidyl ether, 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL, 3-AMINOPROPYLDIMETHYLAMINE, ISOPHORONEDIAMINE, 4,4'-ISOPROPYLIDENEDIPHENOL, 3-AMINOPROPYLTRIETHOXYSILANE, M-PHENYLENEBIS(METHYLAMINE), SALICYLIC ACID, Fatty acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine, reaction products with glycidyl tolyl ether</p>
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### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine</b>	<b>10-30%</b>
CAS number: 68082-29-1	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
<b>BENZYL ALCOHOL</b>	<b>10-30%</b>
CAS number: 100-51-6                      EC number: 202-859-9	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H332	
Eye Irrit. 2 - H319	
<b>Fatty Acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine reaction products with bisphenol A diglycidyl ether</b>	<b>10-30%</b>
CAS number: 2414889-39-5	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1A - H317	
Aquatic Chronic 2 - H411	

## ARDEX WPM 200 Part B

<b>3-AMINOPROPYLTRIETHOXYSILANE</b>	<b>1-5%</b>
CAS number: 919-30-2	EC number: 213-048-4
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
<b>SALICYLIC ACID</b>	<b>1-5%</b>
CAS number: 69-72-7	
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Repr. 2 - H361d	
<b>Fatty acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine, reaction products with glycidyl tolyl ether</b>	<b>1-5%</b>
CAS number: —	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
<b>2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL</b>	<b>1-5%</b>
CAS number: 90-72-2	EC number: 202-013-9
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
<b>M-PHENYLENEBIS(METHYLAMINE)</b>	<b>1-5%</b>
CAS number: 1477-55-0	EC number: 216-032-5
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H332	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Chronic 3 - H412	

## ARDEX WPM 200 Part B

<b>ISOPHORONEDIAMINE</b>	<b>1-5%</b>
CAS number: 2855-13-2	EC number: 220-666-8
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Chronic 3 - H412	
<b>3-AMINOPROPYLDIMETHYLAMINE</b>	<b>1-5%</b>
CAS number: 109-55-7	EC number: 203-680-9
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
<b>4,4'-ISOPROPYLIDENEDIPHENOL</b>	<b>1-5%</b>
CAS number: 80-05-7	EC number: 201-245-8
<b>Classification</b>	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Repr. 1A - H360F	
STOT SE 3 - H335	
Aquatic Chronic 2 - H411	

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>Inhalation</b>	Remove affected person from source of contamination. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately. Rinse mouth thoroughly with water. Give plenty of water to drink.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Continue to rinse for at least 15 minutes. Get medical attention. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

**General information** Get medical attention promptly if symptoms occur after washing.

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

## ARDEX WPM 200 Part B

**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 alcohol-resistant foam, carbon dioxide or dry powder.

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

**Specific hazards** In case of fire, toxic and corrosive gases may be formed. Thermal decomposition or combustion products may include the following substances: Toxic 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** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** 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** Avoid or minimise the creation of any environmental contamination.

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

**Methods for cleaning up** Do not touch or walk into spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water.

#### 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 spilling. 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 dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Corrosive 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

**BENZYL ALCOHOL (CAS: 100-51-6)**

## ARDEX WPM 200 Part B

**DNEL** Workers - Dermal; Long term : 9.5 mg/kg/day  
Workers - Inhalation; Long term : 90 mg/m<sup>3</sup>

**PNEC** Fresh water; 1 mg/l  
marine water; 0.1 mg/l

### 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL (CAS: 90-72-2)

**DNEL** Workers - Inhalation; Short term : 0.31 mg/m<sup>3</sup>

**PNEC** Fresh water; 0.84 mg/l  
;

### 3-AMINOPROPYLDIMETHYLAMINE (CAS: 109-55-7)

**DNEL** Workers - Inhalation; Short term : 9.8 mg/m<sup>3</sup>

**PNEC** Fresh water; 0.0535 mg/l  
marine water; 0.00535 mg/l

### 4,4'-ISOPROPYLIDENEDIPHENOL (CAS: 80-05-7)

**DNEL** Workers - Dermal; Short term : 1.4 mg/kg/day  
Workers - Inhalation; Short term : 10 mg/m<sup>3</sup>

**PNEC** Fresh water; 0.018 mg/l  
marine water; 0.016 mg/l

### ISOPHORONEDIAMINE (CAS: 2855-13-2)

**DNEL** Workers - Inhalation; Short term : 20.1 mg/m<sup>3</sup>

**PNEC** Fresh water; 0.06 mg/l  
marine water; 0.006 mg/l

### M-PHENYLENEBIS(METHYLAMINE) (CAS: 1477-55-0)

**PNEC** Fresh water; 0.94 mg/l  
marine water; 0.0094 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

The following protection should be worn: Chemical splash goggles.

### Hand protection

Use protective gloves. It is recommended that gloves are made of the following material: Viton rubber (fluoro rubber). Nitrile rubber. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

## ARDEX WPM 200 Part B

<b>Hygiene measures</b>	Provide eyewash station and safety shower. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Combination filter, type A2/P2.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Yellowish.
<b>Odour</b>	Amine.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	ca. 135°C
<b>Flash point</b>	ca. 86°C
<b>Vapour pressure</b>	0.3 hPa @ °C
<b>Solubility(ies)</b>	Not miscible or difficult to mix.
<b>Auto-ignition temperature</b>	380°C
<b>Viscosity</b>	600 mPa s @ 20°C
<b>Explosive properties</b>	Not considered to be explosive.

#### 9.2. Other information

<b>Other information</b>	No information required.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

<b>Stability</b>	No decomposition if used according to specifications.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	No further relevant information available.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Poisonous gases/vapours Corrosive gases/vapours
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

## ARDEX WPM 200 Part B

### Acute toxicity - dermal

ATE dermal (mg/kg) 73,600.0

**Inhalation** Vapour may irritate respiratory system/lungs.

**Ingestion** Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

**Skin contact** May cause skin irritation/eczema.

**Eye contact** Causes burns.

### Toxicological information on ingredients.

#### BENZYL ALCOHOL

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,360.0

Species Mouse

ATE oral (mg/kg) 1,360.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.0

Species Rabbit

#### 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,169.0

Species Rat

ATE oral (mg/kg) 500.0

#### M-PHENYLENEBIS(METHYLAMINE)

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 930.0

Species Rat

ATE oral (mg/kg) 930.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,100.0

Species Rabbit

Notes (dermal LD<sub>50</sub>)

#### ISOPHORONEDIAMINE

**ARDEX WPM 200 Part B****Acute toxicity - oral**

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 1,030.0

Species Rat

ATE oral (mg/kg) 1,030.0

**Acute toxicity - dermal**

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 1,840.0

Species Rabbit

ATE dermal (mg/kg) 1,840.0

**3-AMINOPROPYLDIMETHYLAMINE****Acute toxicity - oral**

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 410.0

Species Rat

ATE oral (mg/kg) 410.0

**Acute toxicity - dermal**

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 1,200.0

Species Rat

**Acute toxicity - inhalation**

Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l) 24.8

Species Rat

ATE inhalation (vapours  
mg/l) 24.8

**4,4'-ISOPROPYLIDENEDIPHENOL****Acute toxicity - oral**

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 3,250.0

Species Rat

ATE oral (mg/kg) 3,250.0

**Acute toxicity - dermal**

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 3,000.0

Species Rat

ATE dermal (mg/kg) 3,000.0

**Acute toxicity - inhalation**

## ARDEX WPM 200 Part B

Acute toxicity inhalation 5.0  
(LC<sub>50</sub> vapours mg/l)

Species Rat

### SECTION 12: Ecological information

**Ecotoxicity** No data on possible environmental effects have been found.

#### 12.1. Toxicity

##### Ecological information on ingredients.

#### BENZYL ALCOHOL

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 10 mg/l, *Lepomis macrochirus* (Bluegill)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 24 hours: 400 mg/l, *Daphnia magna*

#### 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 24 hours: 222 mg/l, *Oncorhynchus mykiss* (Rainbow trout)

Acute toxicity - aquatic plants LC<sub>50</sub>, 72 hours: 84 mg/l, *Scenedesmus subspicatus*

#### M-PHENYLENEBIS(METHYLAMINE)

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 87.6 mg/l, *Oryzias latipes* (Red killifish)  
LC<sub>50</sub>, 96 hours: >100 mg/l, *Oncorhynchus mykiss* (Rainbow trout)  
LC<sub>50</sub>, 96 hours: >100 mg/l, *Brachydanio rerio* (Zebra Fish)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 15.2 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 20.3 mg/l, *Selenastrum capricornutum*

#### ISOPHORONEDIAMINE

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 110 mg/l, *Leuciscus idus* (Golden orfe)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 23 mg/l, *Daphnia magna*

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

#### 3-AMINOPROPYLDIMETHYLAMINE

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 122 mg/l, *Leuciscus idus* (Golden orfe)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 59.5 mg/l, *Daphnia magna*

## ARDEX WPM 200 Part B

**Acute toxicity - aquatic plants**      LC<sub>50</sub>, 72 hours: 53.5 mg/l, Scenedesmus subspicatus

### 4,4'-ISOPROPYLIDENEDIPHENOL

#### Acute aquatic toxicity

**Acute toxicity - fish**      EC<sub>50</sub>, 96 hours: 42 mg/l, Fish

#### 12.2. Persistence and degradability

**Persistence and degradability**    No further relevant information available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential**      No further relevant information available.

#### 12.4. Mobility in soil

**Mobility**      No further relevant information available.

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

**Results of PBT and vPvB assessment**    No information available.

#### 12.6. Other adverse effects

**Other adverse effects**      Not determined.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**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

#### 14.1. UN number

**UN No. (ADR/RID)**      2735

**UN No. (IMDG)**      2735

**UN No. (ICAO)**      2735

**UN No. (ADN)**      2735

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)**      2735 AMINES, LIQUID, CORROSIVE, N.O.S. (N,N-dimethyl-1,3-diaminopropane, 1,3-Benzoldimethanamine), ENVIRONMENTALLY HAZARDOUS)

**Proper shipping name (IMDG)**      2735 AMINES, LIQUID, CORROSIVE, N.O.S. (N,N-dimethyl-1,3-diaminopropane, 1,3-Benzoldimethanamine), ENVIRONMENTALLY HAZARDOUS)

**Proper shipping name (ICAO)**      2735 AMINES, LIQUID, CORROSIVE, N.O.S. (N,N-dimethyl-1,3-diaminopropane, 1,3-Benzoldimethanamine), ENVIRONMENTALLY HAZARDOUS)

**Proper shipping name (ADN)**      2735 AMINES, LIQUID, CORROSIVE, N.O.S. (N,N-dimethyl-1,3-diaminopropane, 1,3-Benzoldimethanamine), ENVIRONMENTALLY HAZARDOUS)

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

**ADR/RID class**      8

**ADR/RID classification code**    C7

## ARDEX WPM 200 Part B

ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

### Transport labels



### 14.4. Packing group

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

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant



No.

### 14.6. Special precautions for user

IMDG Code segregation group	18. Alkalis
EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

### 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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

## ARDEX WPM 200 Part B

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision comments</b>	3
<b>Issued by</b>	UK Regulatory and Product Compliance Officer
<b>Revision date</b>	07/09/2022
<b>Supersedes date</b>	21/01/2022
<b>SDS number</b>	20365
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. 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. H332 Harmful if inhaled. H335 May cause respiratory irritation. H360F May damage fertility. H360Fd May damage fertility. Suspected of damaging the unborn child. H361d Suspected of damaging the unborn child. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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