



SAFETY DATA SHEET ARDEX WPM 300 PART A

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

1.1. Product identifier

Product name ARDEX WPM 300 PART A

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

Identified uses Moisture suppressant.

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. 1 - H314 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	<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>
Contains	Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine, TRIETHYLENETETRAMINE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine CAS number: 68082-29-1	10-30%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	
TRIETHYLENETETRAMINE CAS number: 112-24-3 EC number: 203-950-6	<1%
Classification Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412	

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	Instantly remove any clothing soiled by the product
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. 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 symptoms are severe or persist after washing.
Eye contact	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.

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

General information No further information available.

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting NOTE! Use air-supplied respirators to protect against gases/fumes. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Wear protective clothing, gloves, eye and face protection.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

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 Keep container in a well-ventilated place. Wear protective clothing as described in Section 8 of this safety data sheet. Protect from freezing and direct sunlight.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Do not store near heat sources or expose to high temperatures. Protect from freezing and direct sunlight.

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

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TRIETHYLENETETRAMINE (CAS: 112-24-3)

DNEL

Consumer - Inhalation; Short term systemic effects: 1600 mg/m³
 Consumer - Inhalation; Long term systemic effects: 0.29 mg/m³
 Consumer - Dermal; Long term systemic effects: 0.25 mg/kg/day
 Consumer - Oral; Long term systemic effects: 0.41 mg/kg/day
 Consumer - Dermal; Short term systemic effects: 8 mg/kg/day
 Consumer - Oral; Short term systemic effects: 20 mg/kg/day
 Industry - Dermal; Short term systemic effects: 5380 mg/kg/day
 Industry - Inhalation; Long term systemic effects: 1 mg/m³
 Consumer - Dermal; Short term local effects: 1000 mg/cm²
 Consumer - Dermal; Long term local effects: 430 mg/cm²

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear goggles/face shield.

Hand protection

Wear protective gloves. Wear protective gloves made of the following material: Butyl rubber. Viton rubber (fluoro rubber). Nitrile rubber. Thickness: ≥ 5 mm

Other skin and body protection

Wear suitable coveralls to prevent exposure to the skin.

Hygiene measures

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product.

Respiratory protection

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Colour	Various colours.
Odour	Characteristic.
Odour threshold	Not available.
pH	pH (concentrated solution): 9.5 - 10.5
Melting point	Not available.
Relative density	~ 1.38
Solubility(ies)	Partly miscible.
Viscosity	Not available.

9.2. Other information

Other information	Not applicable.
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SECTION 10: Stability and reactivity

10.1. Reactivity

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

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

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products None at ambient temperatures. Heating may generate the following products: Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous gases (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 12,290.5

Skin corrosion/irritation

Skin corrosion/irritation Corrosive to skin. May cause serious chemical burns to the skin.

Serious eye damage/irritation

Serious eye damage/irritation Corrosive to skin. Causes serious eye damage. Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Toxicological information on ingredients.

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

Acute toxicity - oral

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Acute toxicity oral (LD₅₀ 2,000.0
mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,000.0
mg/kg)

Species Rat

TRIETHYLENETETRAMINEAcute toxicity - oral

Acute toxicity oral (LD₅₀ 2,500.0
mg/kg)

Species Rat

ATE oral (mg/kg) 2,500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 550.0
mg/kg)

Species Rabbit

ATE dermal (mg/kg) 1,100.0

Carcinogenicity

Carcinogenicity No evidence of carcinogenicity in animal studies.

SECTION 12: Ecological information**12.1. Toxicity**

Toxicity Very toxic to aquatic organisms.

Ecological information on ingredients.**Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine**Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hour: 7.07 mg/l, Fish

Acute toxicity - aquatic LC₅₀, 72 hour: 1.25 mg/l, Algae
plants

TRIETHYLENETETRAMINEAcute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 330 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic EC₅₀, 48 hours: 1 mg/l, Daphnia magna
invertebrates

Acute toxicity - aquatic EC₅₀, 72 hours: 2.5 mg/l, Scenedesmus subspicatus
plants

12.2. Persistence and degradability

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Persistence and degradability No data available.

Ecological information on ingredients.

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

Persistence and degradability No further relevant information available.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

Ecological information on ingredients.

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

Bioaccumulative potential No further relevant information available.

12.4. Mobility in soil

Mobility No further relevant information available

Ecological information on ingredients.

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

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

TRIETHYLENETETRAMINE

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

12.6. Other adverse effects

Ecological information on ingredients.

Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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

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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)	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS ACETIC ACID 0.91%, Amines, polyethylenepoly-, triethylenetetramine fraction)
Proper shipping name (IMDG)	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS ACETIC ACID 0.91%, Amines, polyethylenepoly-, triethylenetetramine fraction)
Proper shipping name (ICAO)	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS ACETIC ACID 0.91%, Amines, polyethylenepoly-, triethylenetetramine fraction)
Proper shipping name (ADN)	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS ACETIC ACID 0.91%, Amines, polyethylenepoly-, triethylenetetramine fraction)

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C7
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

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Hazard Identification Number 80
(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 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	13/06/2018
SDS number	20430
Hazard statements in full	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. H411 Toxic to aquatic life with long lasting effects. H412 Harmful 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.