



SAFETY DATA SHEET
ARDEX R5E Part B

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ARDEX R5E Part B
Product No. 18445

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

Identified uses Primer.

1.3. Details of the supplier of the safety data sheet

Supplier Ardex UK Limited
Homefield Road
Haverhill
Suffolk
CB9 8QP
Tel. 01440 714939
Fax. 01440 716667
Contact Person safetydatasheets@ardex.co.uk

1.4. Emergency telephone number

+44 (0)870 190 6777 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Acute Tox. 4 - H302; Skin Corr. 1B - H314; Skin Sens. 1 - H317; Repr. 2 - H361f; STOT SE 3 - H335
Environment Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

Xn; R22. Repr. Cat. 3; R62. C; R34. Xi; R37. R43. N; R51/53.

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

2.2. Label elements

Contains 4-tert-Butylphenol
m-phenylenebis(methylamine)

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H361f Suspected of damaging fertility.
H411 Toxic to aquatic life with long lasting effects.

ARDEX R5E Part B

Precautionary Statements

P273 P305+351+338	Avoid release to the environment. 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 local regulations. Dispose of contents/container in accordance with regional regulations. Dispose of contents/container in accordance with national regulations. Dispose of contents/container in accordance with international regulations.

Supplementary Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing vapour/spray.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P391	Collect spillage.
P403+233	Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

2,4,6-tris(dimethylaminomethyl)phenol	< 1%	
CAS-No.: 90-72-2	EC No.: 202-013-9	Registration Number: 01-2119560597-27-xxxx
Classification (EC 1272/2008) Skin Corr. 1B - H314 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xn;R22. C;R34. Xi;R36/38. R52/53.	
3-AMINOPROPYLDIMETHYLAMINE	< 1%	
CAS-No.: 109-55-7	EC No.: 203-680-9	Registration Number: 01-2119486842-27-xxxx
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Skin Sens. 1 - H317	Classification (67/548/EEC) R10 C;R34 Xn;R22 R43	
4-tert-Butylphenol	30 - 35 %	
CAS-No.: 98-54-4	EC No.: 202-679-0	Registration Number: 01-2119489419-21-xxxx
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361f Aquatic Chronic 1 - H410	Classification (67/548/EEC) Repr. Cat. 3;R62. Xi;R41,R38. N;R51/53.	
Benzylalkohol	< 1%	
CAS-No.: 100-51-6	EC No.: 202-859-9	Registration Number: 01-2119492630-38-xxxx
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/22	

ARDEX R5E Part B

Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine		< 3 %
CAS-No.: 68082-29-1	EC No.:	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R38,R41. N;R51/53. R43.	
m-phenylenebis(methylamine)		10 - 25 %
CAS-No.: 1477-55-0	EC No.: 216-032-5	Registration Number: 01-2119480150-50-xxxx
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xn;R20/22. C;R34. R43,R52/53.	
Phenol, styrenated		< 5 %
CAS-No.: 61788-44-1	EC No.: 262-975-0	Registration Number: 01-2119980970-27-xxxx
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R38. N;R51/53. R43.	
trimethylhexane-1,6-diamine		< 10 %
CAS-No.: 25513-64-8	EC No.: 247-063-2	Registration Number: 01-2119560598-25-xxxx
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xn;R22. C;R34. R43,R52/53.	

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

No recommendation given.

Inhalation

Fresh air.

Ingestion

Get medical attention.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water.

Eye contact

Rinse with water. Contact physician if discomfort continues.

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

ARDEX R5E Part B

General information

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

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

Nausea, vomiting.

Skin contact

Skin irritation. Allergic rash.

Eye contact

May cause blurred vision and serious eye damage.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. 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

Hazardous combustion products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

Specific hazards

Not known.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Use supplied air respirator if product is involved in a fire.

Protective equipment for fire-fighters

Use air-supplied respirator during fire fighting. Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses. Do not allow ANY environmental contamination.

6.3. Methods and material for containment and cleaning up

Collect spillage with granulates, sawdust, rags or other absorbent. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Do not let washing down water contaminate ponds or waterways. Large quantities should not be discharged into the drain but removed with absorbing material.

6.4. 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

Avoid contact with skin and eyes. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container.

Storage Class

Unspecified storage.

ARDEX R5E Part B

7.3. 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

<u>Benzylalkohol (CAS: 100-51-6)</u>				
DNEL				
Industry	Dermal	Long Term	9, 5	mg/kg/day
Industry	Inhalation.	Long Term	90	mg/m ³
PNEC				
Freshwater	1	mg/l		
Marinewater	0, 1	mg/l		
<u>4-tert-Butylphenol (CAS: 98-54-4)</u>				
DNEL				
Professional	Dermal	Long Term	0.071	mg/kg/day
Professional	Inhalation.	Long Term	0.5	mg/m ³
PNEC				
Freshwater	0.01	mg/l		
Marinewater	0.001	mg/l		
<u>m-phenylenebis(methylamine) (CAS: 1477-55-0)</u>				
PNEC				
Freshwater	0.094	mg/l		
Marinewater	0.0094	mg/l		
<u>trimethylhexane-1,6-diamine (CAS: 25513-64-8)</u>				
PNEC				
Freshwater	0.0295	mg/l		
Marinewater	0.00295	mg/l		
<u>Fatty acids, C 18-unsatd., dimers, oligomeric reaction products with tall -oil fatty acids and triethylenetetramine (CAS: 68082-29-1)</u>				
DNEL				
Professional	Dermal	1.1		mg/kg/day
Professional	Inhalation.	3.9		mg/m ³
PNEC				
Freshwater	0.00434	mg/l		
Marinewater	0.000434	mg/l		

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

Well-ventilated area.

Respiratory equipment

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

Hand protection

Nitrile gloves are recommended. Gloves of nitrile rubber, PVA or Viton are recommended.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash hands after handling. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

ARDEX R5E Part B

Appearance	Coloured paste.
Colour	Misc. colours.
Odour	Characteristic.
Solubility	Immiscible with water
Initial boiling point and boiling range (°C)	ca. 135°C
Relative density	1, 7 g/cm ³ 20 °C
Bulk Density	
Not applicable.	
Vapour pressure	0.3 mbar
pH-Value, Conc. Solution	
Not applicable.	
Viscosity	600 - 1400 mPas 25°C
Flash point (°C)	ca. 86°C
Auto Ignition Temperature (°C)	380°C
Explosive properties	
Not applicable.	

9.2. Other information

Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No information available.

Inhalation

Vapour may irritate respiratory system or lungs.

Ingestion

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

Skin contact

May cause sensitisation by skin contact.

ARDEX R5E Part B

Eye contact

Irritation of eyes and mucous membranes.

Health Warnings

Irritating to skin. Irritant of eyes and mucous membranes.

Route of entry

Inhalation.

Skin and/or eye contact.

Toxicological information on ingredients.

Benzylalkohol (CAS: 100-51-6)

Toxic Dose 1 - LD 50

1040 mg/kg (oral-mouse)

Toxic Dose 2 - LD 50

1230 mg/kg (oral rat)

Acute toxicity:

Acute Toxicity (Oral LD50)

1040 mg/kg Rabbit

Acute Toxicity (Dermal LD50)

2000 mg/kg Rabbit

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

Acute toxicity:

Acute Toxicity (Oral LD50)

410 mg/kg Rat

Acute Toxicity (Dermal LD50)

1200 mg/kg Rat

Acute Toxicity (Inhalation LC50)

24.8 mg/l (vapours) Rat 4 hours

4-tert-Butylphenol (CAS: 98-54-4)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 5.6 mg/l (vapours) Rat 4 hours

ARDEX R5E Part B

m-phenylenebis(methylamine) (CAS: 1477-55-0)

Toxic Conc. - LC 50
1, 42 mg/l/4h (inh-rat)

Acute toxicity:

Acute Toxicity (Oral LD50)
930 mg/kg Rat

Acute Toxicity (Dermal LD50)
> 3100 mg/kg Rabbit

Skin Corrosion/Irritation:

Corrosive to skin.

Respiratory or skin sensitisation:

Skin sensitisation

Local Lymph Node Assay (LLNA) Mouse

Sensitising. OECD 429 Skin Sensitization: Local Lymph / Node Assay : skin - guinea pig / mouse - sensitization

Germ cell mutagenicity:

OECD 473 In vitro Mammalian Chromosomal Aberration Test: negativ OECD 476 In vitro Mammalian Cell Gene Mutation Test: negativ
This substance has no evidence of mutagenic properties.

OECD 471 Bacterial Reverse Mutation Test: negativ OECD 474 Mammalian Erythrocyte Micronucleus Test: negativ

Does not contain any substances known to be mutagenic.

Carcinogenicity:

No evidence of carcinogenicity in animal studies

Reproductive Toxicity:

Reproductive Toxicity - Fertility

NOAEL 150 mg/kg Oral Rat

OECD 421 Reproduction / Development Toxicity Screening Test: Rat - Oral 150 mg/kg NOEL

Aspiration hazard:

Health Warnings

OECD 407 Repeated Dose 28-day Oral Toxicity Study in Rodents - NOEL - 150 mg/Kg

Phenol, styrenated (CAS: 61788-44-1)

Acute toxicity:

Acute Toxicity (Oral LD50)
3700 mg/kg Rat

Acute Toxicity (Dermal LD50)
> 5010 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)
> 4.9 mg/l (vapours) Rat 4 hours

Respiratory or skin sensitisation:

Skin sensitisation

Local Lymph Node Assay (LLNA) Mouse

Sensitising.

trimethylhexane-1,6-diamine (CAS: 25513-64-8)

Toxic Dose 1 - LD 50
910 mg/kg (oral rat)

Acute toxicity:

Acute Toxicity (Dermal LD50)
1280 mg/kg Rabbit

ARDEX R5E Part B

2,4,6-tris(dimethylaminomethyl)phenol (CAS: 90-72-2)

Acute toxicity:

Acute Toxicity (Oral LD50)

2169 mg/kg Rat

Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall -oil fatty acids and triethylenetetramine (CAS: 68082-29-1)

Toxic Dose 1 - LD 50

> 2000 mg/kg (oral rat)

Acute toxicity:

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Dangerous for the environment if discharged into watercourses. Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Acute Fish Toxicity

Giftig für Fische

ARDEX R5E Part B

Ecological information on ingredients.

Benzylalcohol (CAS: 100-51-6)

Acute Toxicity - Fish

LC50 96 hours 10 mg/l *Lepomis macrochirus* (Bluegill)

LC50 96 hours 460 mg/l *Pimephales promelas* (Fat-head Minnow)

EC 50, 48 Hrs, *Daphnia*, mg/l

23 mg/l

Acute Toxicity - Aquatic Plants

EC50 3 hours 35 mg/l Marinewater algae

EC50 96 hours 640 mg/l *Scenedesmus subspicatus*

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

Acute Toxicity - Fish

LC50 96 hours 122 mg/l *Leuciscus idus* (Golden orfe)

EC 50, 48 Hrs, *Daphnia*, mg/l

59, 5

Acute Toxicity - Aquatic Plants

EC50 72 hours 53, 5 mg/l *Scenedesmus subspicatus*

Acute Toxicity - Microorganisms

EC50 30 min > 1000 mg/l Activated sludge

4-tert-Butylphenol (CAS: 98-54-4)

LC 50, 96 Hrs, Fish mg/l

1-10

Acute Toxicity - Fish

LC50 96 hours > 5.1 *Pimephales promelas* (Fat-head Minnow)

LC50 96 hours > 1 mg/l *Onchorhynchus mykiss* (Rainbow trout)

EC 50, 48 Hrs, *Daphnia*, mg/l

10-100

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 4.8 mg/l *Daphnia magna*

72 hours > 100 mg/l *Selenastrum capricornutum*

EC50 3 hours 10 mg/l Activated sludge

Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days 0.73 mg/l *Daphnia magna*

m-phenylenebis(methylamine) (CAS: 1477-55-0)

LC 50, 96 Hrs, Fish mg/l

87, 6 mg/l

Acute Toxicity - Fish

LC50 96 hours > 100 mg/l *Onchorhynchus mykiss* (Rainbow trout)

LC50 96 hours 75 mg/l *Leuciscus idus* (Golden orfe)

EC 50, 48 Hrs, *Daphnia*, mg/l

15, 2 mg/l

Acute Toxicity - Aquatic Plants

EC50 72 hours 20, 3 mg/l *Selenastrum capricornutum*

EC50 72 hours 12 mg/l *Scenedesmus subspicatus*

Acute Toxicity - Microorganisms

EC50 30 min > 1000 mg/l Activated sludge

Phenol, styrenated (CAS: 61788-44-1)

LC 50, 96 Hrs, Fish mg/l

14, 8

EC 50, 48 Hrs, *Daphnia*, mg/l

1-10

Acute Toxicity - Aquatic Invertebrates

EC50 3 hours 362 mg/l

Acute Toxicity - Aquatic Plants

IC50 72 hours 3.14 mg/l *Scenedesmus subspicatus*

trimethylhexane-1,6-diamine (CAS: 25513-64-8)

Acute Toxicity - Fish

LC50 48 hours 174 mg/l *Leuciscus idus* (Golden orfe)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 31.5 mg/l *Daphnia magna*

Acute Toxicity - Aquatic Plants

ARDEX R5E Part B

EC50 72 hours 29.5 mg/l Scenedesmus subspicatus

2,4,6-tris(dimethylaminomethyl)phenol (CAS: 90-72-2)

Acute Toxicity - Aquatic Plants

EC50 72 hours 84 mg/l Scenedesmus subspicatus

Fatty acids, C 18-unsatd., dimers, oligomeric reaction products with tall -oil fatty acids and triethylenetetramine (CAS: 68082-29-1)

Acute Toxicity - Fish

LC50 7.07 mg/l

Acute Toxicity - Aquatic Plants

EC50 72 hours 1.25 mg/l Scenedesmus subspicatus

12.2. Persistence and degradability

No further relevant information available.

Degradability

The product is expected to be slowly biodegradable.

Ecological information on ingredients.

4-tert-Butylphenol (CAS: 98-54-4)

OECD 301 F Ready Biodegradability / 28 days : 60 %

m-phenylenebis(methylamine) (CAS: 1477-55-0)

OECD 301B Ready Biodegradability - CO2 Evolution Test / 28 days: 49 %

Degradability

The product is not readily biodegradable.

Phenol, styrenated (CAS: 61788-44-1)

Degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

4-tert-Butylphenol (CAS: 98-54-4)

Bioaccumulation factor

BCF 48 - 88 Cyprinus carpio (Common carp)

Partition coefficient

log Pow 3.29 OECD Test 107

m-phenylenebis(methylamine) (CAS: 1477-55-0)

Bioaccumulation factor

BCF < 3 Cyprinus carpio (Common carp)

Partition coefficient

log Pow 0.18 OECD Test 107

Phenol, styrenated (CAS: 61788-44-1)

Bioaccumulation factor

BCF 14.43

Partition coefficient

log Pow > 4

12.4. Mobility in soil

Mobility:

Not relevant, due to the form of the product.

Ecological information on ingredients.

4-tert-Butylphenol (CAS: 98-54-4)

Henry's Law Constant

1.19 E -06 atm m³/mol 25°C

m-phenylenebis(methylamine) (CAS: 1477-55-0)

Mobility:

The product is non-volatile.

Henry's Law Constant

6.94 E-11 atm m³/mol 25°C

ARDEX R5E Part B

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

4-tert-Butylphenol (CAS: 98-54-4)

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

No information required.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. The packaging must be empty (drop-free, when inverted). The packaging should be collected for reuse.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste Class

08 04 10: adhesive and sealant waste with exception of 08 04 09

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	2735
UN No. (IMDG)	2735
UN No. (ICAO)	2735

14.2. UN proper shipping name

Proper Shipping Name AMINES, LIQUID, CORROSIVE, N.O.S. (m-PHENYLENEBIS(METHYLAMINE), 4-TERT-BUTYLPHENOL)

14.3. Transport hazard class (es)

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8
Transport Labels	



14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

**14.6. Special precautions for user**

EMS	F-A, S-B
Emergency Action Code	2X
Hazard No. (ADR)	80
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to 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**

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Water hazard classification

WGK 2

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued By	Research and Development Manager
Revision Date	26/04/2017
Revision	3
Supersedes date	23/04/2015

Risk Phrases In Full

R34	Causes burns.
R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R62	Possible risk of impaired fertility.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ARDEX R5E Part B

Hazard Statements In Full

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
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.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

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.