



SAFETY DATA SHEET ARDEX DPM PART A

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

| | |
|---------------------|--|
| PRODUCT NAME | ARDEX DPM PART A |
| SUPPLIER | Ardex UK Limited Homefield Road Haverhill Suffolk CB9 8QP Tel. 01440 714939 Fax. 01440 716667 e-mail: safetydatasheets@ardex.co.uk |
| EMERGENCY TELEPHONE | +44 (0) 870 190 6777 (24 hours) |

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xi;R36/38. R43. N;R51/53.

CLASSIFICATION (EC 1272/2008)

| | |
|-------------------------------|--|
| Physical and Chemical Hazards | Not classified. |
| Human health | Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317 |
| Environment | Aquatic Chronic 2 - H411 |

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD

Warning

CONTAINS

epoxy resin
 Epoxy resin (average molecular weight <700)
 OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS

HAZARD STATEMENTS

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

PRECAUTIONARY STATEMENTS

| | |
|--------------|--|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water. |
| P305+351+338 | 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. |

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

| | |
|----------|--|
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P261 | Avoid breathing vapour/spray. |
| P264 | Wash contaminated skin thoroughly after handling. |
| P321 | Specific treatment (see medical advice on this label). |
| P313 | Get medical advice/attention. |
| P332+313 | If skin irritation occurs: Get medical advice/attention. |

ARDEX DPM PART A

P333+313

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

P337

If eye irritation persists:

P362

Take off contaminated clothing and wash before reuse.

P363

Wash contaminated clothing before reuse.

P391

Collect spillage.

Supplemental Label Information (EU)

EUH205

Contains epoxy constituents. May produce an allergic reaction.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|---|--|
| Additive pack | < 1 % |
| CAS-No.: | EC No.: |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Xn;R65. Xi;R38. N;R51/53. R10. |
| Bisphenol F epichlorhydrin resin with MW <700 | < 1 % |
| CAS-No.: 28064-14-4 | EC No.: |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Xi;R36/38. N;R51/53. R43. |
| epoxy resin | > 3 % |
| CAS-No.: 55492-52-9 | EC No.: |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Xi;R36/38. N;R51/53. R43. |
| Epoxy resin (average molecular weight <700) | > 3 % |
| CAS-No.: 25068-38-6 | EC No.: 500-033-5 |
| Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 | Classification (67/548/EEC) R43 Xi;R36/38 N;R51/53 |
| OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS | > 3 % |
| CAS-No.: 68609-97-2 | EC No.: |
| Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317 | Classification (67/548/EEC) R43 Xi;R38 |

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

4 FIRST-AID MEASURES**INHALATION**

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

ARDEX DPM PART A

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

COLOUR

Green. Red.

ARDEX DPM PART A

| | |
|------------|-----------------------|
| ODOUR | Characteristic. |
| SOLUBILITY | Immiscible with water |

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION**INHALATION**

Irritating to respiratory system.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

May cause sensitisation by skin contact. Irritating to skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14 TRANSPORT INFORMATION

| | |
|--|--|
| PROPER SHIPPING NAME | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700), epoxy resin) |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT | No. |
| UN NO. ROAD | 3082 |
| ADR CLASS NO. | 9 |
| ADR CLASS | Class 9: Miscellaneous dangerous substances and articles. |
| ADR PACK GROUP | III |
| HAZARD No. (ADR) | 90 |
| ADR LABEL NO. | 9 |
| HAZCHEM CODE | 3Z |
| UN NO. SEA | 3082 |
| IMDG CLASS | 9 |

ARDEX DPM PART A

| | |
|---------------|----------|
| IMDG PACK GR. | III |
| EMS | F-A, S-F |
| UN NO. AIR | 3082 |
| AIR CLASS | 9 |
| AIR PACK GR. | III |

15 REGULATORY INFORMATION

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION DATE 15/11/2010

REV. NO./REPL. SDS GENERATED 4

RISK PHRASES IN FULL

| | |
|--------|---|
| R10 | Flammable. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R36/38 | Irritating to eyes and skin. |
| R38 | Irritating to skin. |
| R43 | May cause sensitisation by skin contact. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

HAZARD STATEMENTS IN FULL

| | |
|------|--|
| H319 | Causes serious eye irritation. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H411 | Toxic 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.



SAFETY DATA SHEET ARDEX DPM PART B

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

| | |
|---------------------|--|
| PRODUCT NAME | ARDEX DPM PART B |
| SUPPLIER | Ardex UK Limited Homefield Road Haverhill Suffolk CB9 8QP Tel. 01440 714939 Fax. 01440 716667 e-mail: safetydatasheets@ardex.co.uk |
| EMERGENCY TELEPHONE | +44 (0) 870 190 6777 (24 hours) |

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xn;R20/22. Repr. Cat. 3;R62. C;R34. R43.

CLASSIFICATION (EC 1272/2008)

| | |
|-------------------------------|--|
| Physical and Chemical Hazards | Not classified. |
| Human health | Acute Tox. 4 - H302;Acute Tox. 4 - H332;Skin Corr. 1B - H314;Skin Sens. 1 - H317;Repr. 2 - H361f |
| Environment | Not classified. |

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



| | |
|-------------|---|
| SIGNAL WORD | Danger |
| CONTAINS | 3-AMINOPROPYLDIMETHYLAMINE 4,4'-ISOPROPYLIDENEDIPHENOL Benzylalcohol Isophorondiamine m-PHENYLENEBIS(METHYLAMINE) |

HAZARD STATEMENTS

| | |
|-------|--|
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H332 | Harmful if inhaled. |
| H361f | Suspected of damaging fertility. |

PRECAUTIONARY STATEMENTS

| | |
|--------------|--|
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P260 | Do not breathe vapour/spray. |
| P304+340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305+351+338 | 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. |

ARDEX DPM PART B

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

| | |
|--------------|--|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P281 | Use personal protective equipment as required. |
| P261 | Avoid breathing vapour/spray. |
| P264 | Wash contaminated skin thoroughly after handling. |
| P321 | Specific treatment (see medical advice on this label). |
| P301+312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. |
| P301+330+331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303+361+353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P308+313 | IF exposed or concerned: Get medical advice/attention. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P330 | Rinse mouth. |
| P333+313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P363 | Wash contaminated clothing before reuse. |
| P405 | Store locked up. |

Supplemental Label Information (EU)

| | |
|--------|--|
| EUH205 | Contains epoxy constituents. May produce an allergic reaction. |
|--------|--|

3 COMPOSITION/INFORMATION ON INGREDIENTS

| | | |
|--|--|-------|
| 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL | | > 3 % |
| CAS-No.: 90-72-2 | EC No.: 202-013-9 | |
| Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 | Classification (67/548/EEC) Xn;R22 Xi;R36/38 | |
| 3-AMINOPROPYLDIMETHYLAMINE | | > 3 % |
| CAS-No.: 109-55-7 | EC No.: 203-680-9 | |
| 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 | |
| 4,4'-ISOPROPYLIDENEDIPHENOL | | > 3 % |
| CAS-No.: 80-05-7 | EC No.: 201-245-8 | |
| Classification (EC 1272/2008) Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 2 - H361f STOT SE 3 - H335 | Classification (67/548/EEC) Repr. Cat. 3;R62 R43 Xi;R37,R41 | |
| Benzylalkohol | | > 3 % |
| CAS-No.: 100-51-6 | EC No.: 202-859-9 | |
| Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 | Classification (67/548/EEC) Xn;R20/22 | |

ARDEX DPM PART B

| | | |
|-------------------------------|-----------------------------|-------------------|
| Isophorondiamine | | > 3 % |
| CAS-No.: 2855-13-2 | | EC No.: 220-666-8 |
| Classification (EC 1272/2008) | Classification (67/548/EEC) | |
| Acute Tox. 4 - H302 | C;R34 | |
| Acute Tox. 4 - H312 | Xn;R21/22 | |
| Skin Corr. 1B - H314 | R43 | |
| Skin Sens. 1 - H317 | R52/53 | |
| Aquatic Chronic 3 - H412 | | |
| m-PHENYLENEBIS(METHYLAMINE) | | > 3 % |
| CAS-No.: 1477-55-0 | | EC No.: 216-032-5 |
| Classification (EC 1272/2008) | Classification (67/548/EEC) | |
| Not classified. | Xn;R20/22. | |
| | C;R34. | |
| | R43,R52/53. | |

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

4 FIRST-AID MEASURES**INHALATION**

Move the exposed person to fresh air at once. Rinse nose and mouth with water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

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

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not let washing down water contaminate ponds or waterways.

7 HANDLING AND STORAGE**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

ARDEX DPM PART B

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------|--------------------------|
| APPEARANCE | Clear, yellowish liquid. |
| COLOUR | Yellowish |
| ODOUR | Amine. |
| SOLUBILITY | Immiscible with water |
| BOILING POINT (°C) | 135 |
| MELTING POINT (°C) | Not determined |
| RELATIVE DENSITY | 1.02 |
| VAPOUR PRESSURE | 0.3 kPa |
| VISCOSITY | 600 - 1400 mPas 23 |
| FLASH POINT (°C) | 86 |
| AUTO IGNITION | 380 |
| TEMPERATURE (°C) | |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Reacts violently with strong oxidising substances.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation. May cause sensitisation by inhalation. May cause respiratory allergy.

INGESTION

Harmful if swallowed. May cause chemical burns in mouth and throat.

ARDEX DPM PART B**SKIN CONTACT**

Causes burns. May cause allergic contact eczema. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact.

EYE CONTACT

Causes burns. Extreme irritation of eyes and mucous membranes, including burning and tearing.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

LC 50, 96 Hrs, FISH mg/l 10

EC 50, 48 Hrs, DAPHNIA, mg/l 100

IC 50, 72 Hrs, ALGAE, mg/l 79

WATER HAZARD CLASSIFICATION

WGK 2

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14 TRANSPORT INFORMATION

| | |
|--|---|
| PROPER SHIPPING NAME | CORROSIVE LIQUID, N.O.S. (m-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE) |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT | No. |
| UN NO. ROAD | 1760 |
| ADR CLASS NO. | 8 |
| ADR CLASS | Class 8: Corrosive substances. |
| ADR PACK GROUP | III |
| TUNNEL RESTRICTION CODE | (E) |
| HAZARD No. (ADR) | 80 |
| ADR LABEL NO. | 8 |
| HAZCHEM CODE | 2X |
| UN NO. SEA | 1760 |
| IMDG CLASS | 8 |
| IMDG PACK GR. | III |
| EMS | F-A, S-B |
| UN NO. AIR | 1760 |
| AIR CLASS | 8 |
| AIR PACK GR. | III |

15 REGULATORY INFORMATION**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

ARDEX DPM PART B

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 21/10/2011

REV. NO./REPL. SDS GENERATED 4

RISK PHRASES IN FULL

| | |
|--------|---|
| R34 | Causes burns. |
| R10 | Flammable. |
| R20/22 | Harmful by inhalation and if swallowed. |
| R22 | Harmful if swallowed. |
| R21/22 | Harmful in contact with skin and 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. |
| R43 | May cause sensitisation by skin contact. |
| R62 | Possible risk of impaired fertility. |
| R41 | Risk of serious damage to eyes. |

HAZARD STATEMENTS IN FULL

| | |
|-------|--|
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H226 | Flammable liquid and vapour. |
| H332 | Harmful if inhaled. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H317 | May cause an allergic skin reaction. |
| H335 | May cause respiratory irritation. |
| H361f | Suspected of damaging fertility. |

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.