



**SAFETY DATA SHEET
ARDEX DGR**

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

1.1. Product identifier

Product name ARDEX DGR
Product No. PDEG45

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

Identified uses Solvent

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
e-mail: safetydatasheets@ardex.co.uk
Contact Person Mr. Michael Langdon, Technical Manager

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 Flam. Liq. 3 - H226
Human health Skin Irrit. 2 - H315
Environment Aquatic Chronic 3 - H412
Classification (1999/45/EEC) Xn;R20/21. Xi;R38. R10, R52/53.
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Contains XYLENE

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



Signal Word Warning

Hazard Statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P234 Keep only in original container.
P264 Wash hands thoroughly after handling.
P281 Use personal protective equipment as required.

ARDEX DGR

P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+330+331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P501a

Dispose of contents / container in accordance with local / regional / national / international regulations

Supplementary Precautionary Statements

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P302+352

IF ON SKIN: Wash with plenty of soap and water.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

LOW BOILING POINT NAPHTHA UNSPECIFIED SOLVENT NAPHTHA	10-30%
CAS-No.: 64742-95-6	EC No.: 265-199-0
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R37. N;R51/53. R10.
XYLENE	10-30%
CAS-No.: 1330-20-7	EC No.: 215-535-7
	Registration Number: 01-2119488216-32
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38

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

Inhalation

Move the exposed person to fresh air at once. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING! Provide rest, warmth and fresh air. Get medical attention.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and 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.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards
 FLAMMABLE.

5.3. Advice for firefighters

Protective equipment for fire-fighters
 Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
XYLENE	WEL	50 ppm	220 mg/m3	100 ppm	441 mg/m3	Sk

WEL = Workplace Exposure Limit.
 Sk = Can be absorbed through skin.

8.2. Exposure controls

Protective equipment



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).

Eye protection

Wear approved safety goggles.

ARDEX DGR

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour 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. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Skin protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light blue.
Odour	Characteristic.
Solubility	Emulsible in water.
Initial boiling point and boiling range (°C)	138°C
Melting point (°C)	-30°C
Relative density	0.95
Vapour pressure	7 mm Hg 20°C
Flash point (°C)	25
Auto Ignition Temperature (°C)	500

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Avoid heat.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50

2119 mg/kg (oral-mouse)

Toxic Dose 2 - LD 50

4300 mg/kg (oral rat)

Inhalation

May cause irritation to the respiratory system.

Ingestion
Harmful if swallowed.

Skin contact
May cause sensitisation by skin contact.
Eye contact
May cause severe irritation to eyes.

Toxicological information on ingredients.

XYLENE (CAS: 1330-20-7)

Toxic Dose 1 - LD 50
4300 mg/kg (oral rat)
Toxic Dose 2 - LD 50
2119 mg/kg (oral-mouse)

Acute toxicity:

Acute Toxicity (Dermal LD50)
1700 mg/kg Rat

LOW BOILING POINT NAPHTHA UNSPECIFIED SOLVENT NAPHTHA (CAS: 64742-95-6)

Toxic Dose 1 - LD 50
8400 mg/kg (oral rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not known.

12.1. Toxicity

12.2. Persistence and degradability

Degradability
The product is not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential
The product contains potentially bioaccumulating substances.

12.4. Mobility in soil

Mobility:
The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Toxic to aquatic organisms. Toxic to soil organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Dispose in accordance with all applicable federal, state, provincial, and local regulations.

SECTION 14: TRANSPORT INFORMATION

Road Transport Notes	Not Classified
Rail Transport Notes	Not classified.
Sea Transport Notes	Not classified.
Air Transport Notes	Not classified.

14.1. UN number

ARDEX DGR

UN No. (ADR/RID/ADN)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263

14.2. UN proper shipping name

Proper Shipping Name PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
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
No.

14.6. Special precautions for user

Not relevant	
EMS	F-E, S-E
Emergency Action Code	•3Y
Hazard No. (ADR)	30
Tunnel Restriction Code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By	Mr. Michael Langdon, Technical Manager (Telephone:01440 714939)
Revision Date	31/03/2015
Revision	4
Supersedes date	12/04/2011
Risk Phrases In Full	
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazard Statements In Full	
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H312	Harmful in contact with skin.
H412	Harmful to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
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.