



## SAFETY DATA SHEET

### A 45

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

PRODUCT NAME            A 45

SUPPLIER                 **ARDEX ENDURA (INDIA) PRIVATE LIMITED**  
 Corporate Office & Regd. Office:  
 Unit No. 406 & 407, "Brigade Rubix", No. 20, Yeshwanthapur Hobli,  
 HMT Campus, Bangalore - 560022. Karnataka, INDIA.  
 CIN No: U24233KA1997PTC022383  
 Tel: +91 80 66746500 Fax: +91 80 66746540  
 Email: customercare@ardexendura.com Visit us: www.ardexendura.com

#### 2. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PORTLAND CEMENT	266-043-4	65997-16-2	1-5%	Xi;R41,R36/37/38.

The Full Text for all R-Phrases are Displayed in Section 16

#### 4. FIRST-AID MEASURES

GENERAL INFORMATION  
 No recommendation given.

INHALATION  
 Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION  
 Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Do not induce vomiting.

SKIN CONTACT  
 Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persist 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. Get medical attention promptly if symptoms occur after washing.

#### 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.

SPILL CLEAN UP METHODS  
 Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

**A 45****7. HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid inhalation of dust and contact with skin and eyes.

**STORAGE PRECAUTIONS**

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

**STORAGE CLASS**

Unspecified storage.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
PORTLAND CEMENT		10 mg/m <sup>3</sup> total dust		

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

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

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact.

**EYE PROTECTION**

Wear dust resistant safety goggles where there is danger of eye contact.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Powder, dust		
COLOUR	Grey		
ODOUR	No characteristic odour.		
SOLUBILITY	Disperses. Slightly soluble in water.		
BULK DENSITY	1100 - 1700 kg/m <sup>3</sup>		
pH-VALUE, DILUTED SOLUTION	>12	VOLATILE BY VOL. (%)	0

**10. STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid contact with acids.

**HAZARDOUS POLYMERISATION**

Not relevant.

**HAZARDOUS DECOMPOSITION PRODUCTS**

No hazardous decomposition products.

**11. TOXICOLOGICAL INFORMATION****INHALATION**

Irritating to respiratory system.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Skin irritation is not anticipated when used normally.

**EYE CONTACT**

Irritating to eyes.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

Not regarded as dangerous for the environment.

**MOBILITY**

The product contains substances which are insoluble in water and which sediment in water systems. The product hardens to a solid immobile substance.

**BIOACCUMULATION**

Accumulates in soil and sediment.

**WATER HAZARD CLASSIFICATION**

WGK 1

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

**14. TRANSPORT INFORMATION****GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ROAD TRANSPORT NOTES Not Classified

RAIL TRANSPORT NOTES Not Classified.

SEA TRANSPORT NOTES Not Classified.

AIR TRANSPORT NOTES Not Classified.

MARINE POLLUTANT No.

**15. REGULATORY INFORMATION**

RISK PHRASES NC Not classified.

SAFETY PHRASES P13 Safety data sheet available for professional user on request.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations.

**APPROVED CODE OF PRACTICE**

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

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

A 45

16. OTHER INFORMATION

TRAINING ADVICE	:	The details of this data sheet must be passed on to all personnel handling the product.
RISK PHRASES IN FULL		
R36/37/38		Irritating to eyes, respiratory system and skin.
R41		Risk of serious damage to eyes.

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.