



## SAFETY DATA SHEET ARDEX S 21

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

**PRODUCT NAME** ARDEX S 21  
**PRODUCT NO.** DS2122, DS2122T  
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### 2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Irritating to respiratory system and skin.

CLASSIFICATION (1999/45) Xi;R37/38, R41.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
PORTLAND CEMENT	266-043-4	65997-16-2	30-60%	Xi;R41,R36/37/38.

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

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Place unconscious person on the side in the recovery position and ensure breathing. Get medical attention if any discomfort continues.

#### INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists 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

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.

### 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.

## ARDEX S 21

**STORAGE CLASS**

Unspecified storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
PORTLAND CEMENT			10 mg/m3 total dust	

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate ventilation. Observe occupational exposure limits and minimize 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/m3.

**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	Varying		
ODOUR	No characteristic odour.		
SOLUBILITY	Disperses. Immiscible with water		
BULK DENSITY	1100 - 1700 kg/m3	VOLATILE BY VOL. (%)	0
pH-VALUE, DILUTED SOLUTION	>12		

**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**

Irritating to skin.

**ARDEX S 21****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****LABELLING**

Irritant

**RISK PHRASES**

R41

Risk of serious damage to eyes.

R37/38

Irritating to respiratory system and skin.

**SAFETY PHRASES**

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39

Wear suitable gloves and eye/face protection.

S60

This material and its container must be disposed of as hazardous waste.

S22

Do not breathe dust.

S46

If swallowed, seek medical advice immediately and show this container or label.

**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. Safety Data Sheets for Substances and Preparations.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

REVISION DATE

19/10/2010

## ARDEX S 21

REV. NO./REPL. SDS GENERATED 1

### RISK PHRASES IN FULL

R36/37/38 Irritating to eyes, respiratory system and skin.  
R41 Risk of serious damage to eyes.

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