



### ARDEX A 70 GYPFLO

Print date:

Page 1 of 7

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form: : Mixture  
Product name : ARDEX A 70 GYPFLO  
Product code : 37373

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

#### Use of the substance/mixture

Building and construction work.  
Building and construction preparations not covered elsewhere.  
For professional use only.

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Ardex UK Limited  
Homefield Road  
CB9 8QP Haverhill Suffolk  
T 01440 714939 - F 01440 716667

E-mail address of competent person responsible for the SDS : [safetydatasheets@ardex.co.uk](mailto:safetydatasheets@ardex.co.uk)

### 1.4. Emergency telephone number

Emergency number : +44 (0) 870 190 6777  
24 Hours

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

#### GHS classification

Hazard categories:  
Serious eye damage/eye irritation: Eye Irrit. 2  
Hazard Statements:  
Causes serious eye irritation.

### 2.2. Label elements

Signal word: Warning  
Pictograms: GHS07



#### Hazard statements

H319 Causes serious eye irritation.

#### Precautionary statements

P270 Do not eat, drink or smoke when using this product.  
P262 Do not get in eyes, on skin, or on clothing.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# ARDEX A 70 GYPFLO



## Safety Data Sheet

according to Regulation according to Regulation (EC) No 1907/2006

Date of issue: 21/02/2019

Revision date:

Supersedes:

Version: 1.0

### ARDEX A 70 GYPFLO

Print date:

Page 2 of 7

P337+P313

If eye irritation persists: Get medical advice/attention.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

anhydrous calcium sulfate

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
215-137-3	calcium hydroxide 100 %	< 2 %
1305-62-0	Xi - Irritant R36/37-41	
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335	

Full text of R and H phrases: see Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

In case of unconsciousness place in unconscious position and seek medical advice.

#### After inhalation

Provide fresh air. Remove casualty to fresh air and keep warm and at rest.

In case of irregular breathing or respiratory arrest provide artificial respiration.

#### After contact with skin

Wash with generous amount of water. Change contaminated clothing.

Wash with plenty of soap and water.

Do not rinse with: Solvent/Thinner.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult physician immediately.

#### After ingestion

Rinse mouth immediately and drink large quantities of water. If swallowed, rinse mouth with water (only if the person is conscious).

Immediately get medical attention.

Put victim at rest, cover with a blanket and keep warm.

Do not induce vomiting.

Caution if victim vomits: Risk of aspiration!

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area. alcohol resistant foam.

Carbon dioxide. Powder. Water fog.

#### Extinguishing media which must not be used for safety reasons

High power water jet.



### ARDEX A 70 GYPFLO

Print date:

Page 3 of 7

#### **5.2. Special hazards arising from the substance or mixture**

The product itself is not combustible. Burning produces large quantities of soot.  
Danger of serious damage to health by prolonged exposure.  
Use appropriate respiratory protection.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Use water spray/stream to protect personnel and to cool endangered containers.  
Do not allow water used to extinguish fire to enter drains or waterways.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust/fume/gas/mist/vapours/spray.  
See protective measures under point 7 and 8.

#### **6.2. Environmental precautions**

Do not empty into drains or the aquatic environment. Do not empty into drains or the aquatic environment.  
In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

#### **6.3. Methods and material for containment and cleaning up**

Collect mechanically. Treat the assimilated material according to the section on waste disposal.  
Prevent spreading over great surfaces (e.g. by damming or installing oil booms). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Collect in closed containers for disposal.  
Clean with detergents. Avoid solvent cleaners.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Avoid contact with skin, eye and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not empty into drains or the aquatic environment.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed.

##### **Advice on storage compatibility**

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

##### **Further information on storage conditions**

storage temperature: +5 - +30 °C

Keep container tightly closed and in a well-ventilated place. Keep container dry.

When using do not smoke.

Access is only to be granted to authorised personal.

Always close containers tightly after the removal of product.

### **SECTION 8: Exposure controls/personal protection**

#### **8.1. Control parameters**

# ARDEX A 70 GYPFLO



## Safety Data Sheet

according to Regulation according to Regulation (EC)  
No 1907/2006

Date of issue: 21/02/2019

Revision date:

Supersedes:

Version: 1.0

### ARDEX A 70 GYPFLO

Print date:

Page 4 of 7

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1305-62-0	calcium hydroxide 100 %	-	-	5	TWA (8 h) STEL (15 min)	

#### 8.2. Exposure controls

##### Occupational exposure controls

Provide adequate ventilation.

In case of open handling, use devices with built-in suction where possible.

##### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink.

##### Respiratory protection

not applicable

##### Hand protection

Suitable material:

In case of prolonged or frequently repeated skin contact: NBR (Nitrile rubber).  
penetration time (maximum wearing period): 0,5 h

See information supplied by the manufacturer.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

##### Eye protection

Wear eye/face protection.

##### Skin protection

not applicable

##### Environmental exposure controls

Do not empty into drains or the aquatic environment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: solid  
Colour: light grey  
Odour: odourless

pH-Value (at 20 °C): 10

##### Changes in the physical state

Melting point: 1450 °C

Flash point: No data available

##### Flammability

Solid: not applicable

Gas: not applicable

##### Explosive properties

irrelevant

Lower explosion limits:

Upper explosion limits:

#### Test method

# ARDEX A 70 GYPFLO



## Safety Data Sheet

according to Regulation according to Regulation (EC)  
No 1907/2006

Date of issue: 21/02/2019

Revision date:

Supersedes:

Version: 1.0

### ARDEX A 70 GYPFLO

Print date:

Page 5 of 7

Ignition temperature: not applicable

#### Auto-ignition temperature

Solid: irrelevant

Gas: irrelevant

#### Oxidizing properties

Not oxidizing.

Vapour pressure: No data available

Density (at 20 °C): 2,69 g/cm<sup>3</sup> EN 1097-7

Bulk density: 800 - 1000 kg/m<sup>3</sup>

Water solubility: 2 g/L

(at 20 °C)

#### 9.2. Other information

Solid content: 100 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous reactions when handling and storage.

#### 10.2. Chemical stability

No decomposition if stored and handled correctly.

#### 10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis

#### 10.4. Conditions to avoid

In case of warming: Thermal decomposition.

#### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides (NO<sub>x</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
1305-62-0	calcium hydroxide 100 %					
		oral	LD50	7340 mg/kg	Rat.	OECD 425.
		dermal	LD50 mg/kg	> 2500	Rabbit.	OECD 402

##### Further information

There are no data available on the preparation/mixture itself.

The preparation is not dangerous in the sense of Directive 1999/45/EC.

Data apply to technical substance.

### SECTION 12: Ecological information

# ARDEX A 70 GYPFLO



## Safety Data Sheet

according to Regulation according to Regulation (EC) No 1907/2006

Date of issue: 21/02/2019

Revision date:

Supersedes:

Version: 1.0

### ARDEX A 70 GYPFLO

Print date:

Page 6 of 7

#### 12.1. Toxicity

CAS No	Chemical name	Method	Dose	h	Species	Source
1305-62-0	calcium hydroxide 100 %					
	Acute fish toxicity	LC50	50,6 mg/l	96		
	Acute algae toxicity	ErC50	185 mg/l	72		
	Acute crustacea toxicity	EC50	49,1 mg/l	48		

#### 12.2. Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

#### 12.3. Bioaccumulative potential

No information available.

#### Further information

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC). There are no data available on the preparation/mixture itself.

Do not empty into drains or the aquatic environment.

Ecological information refers to active component.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations. Do not empty into drains or the aquatic environment.

Remove according to the regulations.

##### Contaminated packaging

Water (with cleaning agent). Completely emptied packings can be re-cycled. Completely emptied packings can be re-cycled.

Remove according to the regulations.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

##### Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

##### Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

**14.1. UN number:** -

# ARDEX A 70 GYPFLO



## Safety Data Sheet

according to Regulation according to Regulation (EC)  
No 1907/2006

Date of issue: 21/02/2019

Revision date:

Supersedes:

Version: 1.0

### ARDEX A 70 GYPFLO

Print date:

Page 7 of 7

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

**Other applicable information (marine transport)**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO)**

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

Dangerous for the environment: no

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

not applicable

### SECTION 15: Regulatory information

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

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

### SECTION 16: Other information

**Full text of R phrases referred to under Sections 2 and 3**

36/37 Irritating to eyes and respiratory system.  
41 Risk of serious damage to eyes.

**Full text of H statements referred to under Sections 2 and 3**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*