

Safety Data Sheet

Astro PFP FR EX Mortar

Revision 2 - 23rd April 2021



Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Astro PFP FR EX Mortar
Product code : AFPFPEXMB

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

Use of substance / mixture : Fireproof gypsum based mortar

1.3. Details of the supplier of the safety data sheet

Company name : Astroflame (Fireseals) LTD
Unit 8 , I.O Centre
Stephenson Road
Segensworth
Fareham
PO15 5RU
United Kingdom
Tel : 01329 844 500
Fax : 01329 844 600
Email : sales@astroflame.com

1.4. Emergency telephone number

Emergency tel : (0) 44 1329 844500 During office hours 08:00 - 17:30

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP : Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1B: H317
Most important adverse effects : Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

2.2. Label elements

Label elements : This product has no label elements.
Hazard statements: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
Hazard pictograms : GHS05: Corrosion
GHS07: Exclamation mark



- Signal words : Danger
- Precautionary statements : P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of 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.
P310: Immediately call a POISON CENTER/doctor.
P321: Specific treatment (see instructions on this label).

2.3. Other hazards

PBT : This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CALCIUM SULPHATE / GIPS - REACH registered number(s): 01-2119444918-26-0167

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	1317-65-3	Substance with a Community workplace exposure limit.	-	>50%

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266-043-4	65997-15-1	-	Skin Irrit. 2: H315; STOT SE 3: H335; Eye Dam. 1: H318; Skin Sens. 1: H317	10-20%
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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact : Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact : Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion : Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation : Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact	:	There may be irritation and redness at the site of contact. * May cause an allergic skin reaction.
Eye contact	:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion	:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects	:	Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment	:	Eye bathing equipment should be available on the premises.
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Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media	:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	:	In combustion emits toxic fumes.
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5.3. Advice for fire-fighters

Advice for fire-fighters	:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.
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6.2. Environmental precautions

Environmental precautions	:	Do not discharge into drains or rivers.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures	:	Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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6.4. Reference to other sections

Reference to other sections	:	Refer to section 8 of SDS.
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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, well ventilated area. Keep container tightly closed.
 Suitable packaging : Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s) : No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients :
 CALCIUM SULPHATE / GIPS

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	4	-

PORTLAND CEMENT / SEMENT

UK	-	-	4	-
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DNEL/PNEC Values

Hazardous ingredients :
 CALCIUM SULPHATE / GIPS

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5082mg/m ³	Workers	Systemic
DNEL	Inhalation	21.17mg/m ³	Workers	Systemic
DNEL	Inhalation	3811mg/m ³	General Population	Systemic
DNEL	Inhalation	5.29mg/m ³	General Population	Systemic
DNEL	Oral	11.4mg/kg bw/day	General Population	Systemic
DNEL	Oral	1.52mg/kg bw/day	General Population	Systemic

8.2. Exposure controls

Engineering measures	:	Ensure there is sufficient ventilation of the area.
Respiratory protection	:	Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
Hand protection	:	Protective gloves.
Eye protection	:	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection	:	Protective clothing.
Environmental	:	Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	:	Solid
Colour	:	Off-white
Odour	:	Odourless
Evaporation rate	:	Not applicable.
Oxidising	:	Not applicable.
Solubility in water	:	Soluble
Boiling point/range°C	:	n/a
Flammability limits %: lower	:	Not applicable.
Flash point°C	:	Not applicable.
Autoflammability°C	:	Not applicable.
pH	:	>11.5
Melting point/range°C	:	Not applicable.
upper	:	Not applicable.
Part.coeff. n-octanol/water	:	Not applicable.
Vapour pressure	:	Not applicable.
VOC g/l	:	Not applicable.

9.2. Other information

Other information	:	Not applicable.
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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity	:	Stable under recommended transport or storage conditions.
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10.2. Chemical stability

Chemical stability	:	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

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

Conditions to avoid : Heat.

10.5. Incompatible materials

Materials to avoid : Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products : In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Excluded hazards for substance :

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

Excluded hazards for substance :

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

Symptoms / routes of exposure

- Skin contact : There may be irritation and redness at the site of contact. * May cause an allergic skin reaction.
- Eye contact : There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion : There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects : Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients :
CALCIUM SULPHATE / GIPS

Daphnia magna	48H EC50	>79	mg/l
FISH	48H EC50	>79	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50-	79	mg/l

12.2. Persistence and degradability

Persistence and degradability : Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential : No bioaccumulation potential.

12.4. Mobility in soil

Mobility : No data available.

12.5. Results of PBT and vPvB assessment

PBT identification : This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects : Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

- Disposal operations : Transfer to a suitable container and arrange for collection by specialised disposal company.
- NB : The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

- Transport class : This product does not require a classification for transport.

Section 15: Regulatory information

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

- Specific regulations : Not applicable.

15.2. Chemical Safety Assessment

- Chemical safety assessment : A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

- Other information : This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.
* indicates text in the SDS which has changed since the last revision.
- Phrases used in s.2 and s.3 : H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.
- Legal disclaimer : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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