Safety Data Sheet according to Regulation (EU) 2015/830 Date of issue: Revision date: 1/21/2019 12/14/2016



Version: 2.0

1.1. Product identifier Product form : Mature Product name : ARDEX A 950 Product code : 56171 1.2. Relevant identified uses of the substance or mature and uses advised against 1 1.2.1. Relevant identified uses Construction materials Matures category : Wall Smoothing Compounds 1.3. Details of the supplier of the safety data sheet Manufacture Manufacture : Matures Matures Freegory Havenhil Suffok 10140 714393 Foldad 7 24 hours Energency number : : 444 (0) 670 190 6	SECTION 1: Identification of the su	ubstance/mixture and of the company/undertaking
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according to Regulation (EU) 2015/830

2.3. Other hazards

Other hazards not contributing to the classification

: The product contains chromate reducer, whereby the content of water-soluble chromium (VI) is less than 0.0002%.

With proper storage (dry) and consumption within the specified storage time, a sensitizing effect of the cement / binder by contact with skin cannot occur (H317 or EUH203 can therefore be omitted).

PBT: not relevant – no registration required vPvB: not relevant – no registration required

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
calcium sulfate	(CAS-No.) 7778-18-9 (EC-No.) 231-900-3	> 5% - < 30%	Not classified
Portland cement	(CAS-No.) 65997-15-1 (EC-No.) 266-043-4	=> 3% - <10%	Skin Sens. 1, H317 Eye Dam. 1, H318 Skin Irrit. 2, H315 STOT SE 3, H335

Comments

: Chromium (VI) compounds < 2 ppm

Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: If the person is fully conscious, make him/her drink plenty of water. Never give an unconscious person anything to drink.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Serious damage to eyes.
4.3. Indication of any immediate medi	ical attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Non flammable.
5.2. Special hazards arising from the	substance or mixture
Fire hazard	: No fire hazard.
Explosion hazard	: None.
Hazardous decomposition products in case of fire	f : None.
5.3. Advice for firefighters	
Precautionary measures fire	: No specific measures are necessary.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release me	easures
	equipment and emergency procedures
6.1. Personal precautions, protective	odwibilions and Golog bioconnice
6.1. Personal precautions, protective General measures	: Absorb spillage to prevent material damage.
General measures	
General measures 6.1.1. For non-emergency personnel	: Absorb spillage to prevent material damage.
General measures	

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according to Regulation (EU) 2015/830

ccording to Regulation (I	EU) 2015/830		
6.1.2. For emerg	ency responders		
Emergency procedur	es	: No specific measures are necessary.	
6.2. Environme	ental precautions		
Prevent entry to sew	ers and public waters.		
6.3. Methods a	nd material for containm	ent and cleaning up	
For containment		: Collect spillage.	
Methods for cleaning	up	: Mechanically recover the product. Mir compressed air for cleaning.	nimise generation of dust. Collect spillage. Do not use
6.4. Reference	to other sections		
For further information	n refer to section 13. See I	Heading 8.	
SECTION 7: Hai	ndling and storage		
7.1. Precaution	ns for safe handling		
Additional hazards w	hen processed	: See Heading 8.	
Precautions for safe	handling	: Ensure good ventilation of the work st protective equipment.	ation. Avoid contact with skin and eyes. Wear personal
Hygiene measures		: Wear protective gloves. Do not eat, dr	rink or smoke when using this product.
7.2. Conditions	s for safe storage, includ	ing any incompatibilities	
Storage conditions		the content of water-soluble chromiun With proper storage (dry) and consum	blace. The product contains chromate reducer, whereby n (VI) is less than 0.0002%. nption within the specified storage time, a sensitizing ct with skin cannot occur (H317 or EUH203 can therefore
Incompatible materia	ls	: Aluminium.	
Storage area		: dry.	
7.3. Specific e	nd use(s)		
No additional information available			
SECTION 8: Exp	oosure controls/pers	sonal protection	
8.1. Control pa			
Portland cement (65997-15-1)		
United Kingdom	Local name		Portland cement
United Kingdom	WEL TWA (m	g/m³)	10 mg/m ³ 4 mg/m ³

g		4 mg/m ³
calcium sulfate (7778-18-9)		
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ 4 mg/m³
		4 119/11

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

In case of splash hazard: safety glasses. Dust formation: dust mask. Gloves.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

If the occupational exposure limit is exceeded:



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Environmental exposure controls:

Avoid release to the environment.

Other information:

Use care during processing to minimize generation of dust. Avoid creating or spreading dust.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and	d chemical properties
Physical state	: Solid
Appearance	: Powder.
Colour	: Grey. white.
Odour	: odourless.
Odour threshold	: No data available
рН	: <= 11.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 1250 °C
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 2.75 - 3.2 g/cm ³
Solubility	: Water: 0.1 - 1.5 g/l @ 20°C
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: None.
Oxidising properties	: None.
Explosive limits	: Not applicable
9.2. Other information	
VOC content	: < 3 %
Bulk density	: 900 - 1300 kg/m³
SECTION 10: Stability and reactivi	ty
10.1. Reactivity	
Reacts with water.	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reaction	S

No dangerous reactions known under normal conditions of use.

10.4.	Conditions to avoid		
None u	None under recommended storage and handling conditions (see section 7).		
10.5.	. Incompatible materials		
Acids. a	ammonium salts. Aluminium.		
10.6.	Hazardous decomposition products		
No haz	ardous decomposition products known.		
SECT	ION 11: Toxicological informatic	on and a second s	
11.1.	11.1. Information on toxicological effects		
Acute to	oxicity	: Not classified	
	calcium sulfate (7778-18-9)		
calciu	IM Suitate (7778-18-9)		

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calcium sulfate (7778-18-9)	
LC50 inhalation rat (mg/l)	> 2.61 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust))
Skin corrosion/irritation	: Not classified
	pH: <= 11.5
Serious eye damage/irritation	: Causes serious eye damage.
	pH: <= 11.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
TOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and	: Irritation: severely irritant to eyes.

Potential adverse human health effects and symptoms

SECTION 12: Ed	logical information
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Portland cement (997-15-1)
LC50 fish 1	> 1000 mg/l (96 h, Pisces)

calcium sulfate (7778-18-9)	
LC50 fish 1	2980 mg/l (96 h, Lepomis macrochirus)
•	

12.2. Persistence and degradability

ARDEX A 950		
Persistence and degradability	Not applicable. Inorganic Particulate Substances.	
BOD (% of ThOD)	Not applicable	
Portland cement (65997-15-1)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
calcium sulfate (7778-18-9)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
12.3. Bioaccumulative potential		
ARDEX A 950		
Bioaccumulative potential	No bioaccumulation.	
Portland cement (65997-15-1)		
Bioaccumulative potential	Bioaccumulation: not applicable.	
calcium sulfate (7778-18-9)		
Bioaccumulative potential	No bioaccumulation data available.	
12.4. Mobility in soil		
ARDEX A 950	ARDEX A 950	
Ecology - soil	None.	
Portland cement (65997-15-1)		
Ecology - soil	No (test)data on mobility of the substance available.	
12.5. Results of PBT and vPvB assessment		
ARDEX A 950		
PBT: not relevant – no registration required		
vPvB: not relevant – no registration required		

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Component	
Portland cement (65997-15-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	

13.1. Waste treatment methods		
Regional legislation (waste)	: Disposal must be done according to official regulations.	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.	
Ecology - waste materials	: Avoid release to the environment.	
European List of Waste (LoW) code	: 17 01 01 - concrete 10 13 14 - waste concrete and concrete sludge	

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG				
ADR	IMDG	ΙΑΤΑ		
14.1. UN number				
Not applicable	Not applicable	Not applicable		
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable		
Not applicable	Not applicable	Not applicable		
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable		
Not applicable	Not applicable	Not applicable		
14.4. Packing group				
Not applicable	Not applicable	Not applicable		
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable		
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

VOC content

: < 3 %

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Other information, restriction and prohibition regulations	: 1. Cement and cement-containing mixtures shall not be placed on the market, or used, if they contain, when hydrated, more than 2 mg/kg (0,0002 %) soluble chromium VI of the total dry weight of the cement.
	2. If reducing agents are used, then without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium VI below the limit indicated in paragraph 1.
	3. By way of derogation, paragraphs 1 and 2 shall not apply to the placing on the market for, and use in, controlled closed and totally automated processes in which cement and cement- containing mixtures are handled solely by machines and in which there is no possibility of contact with the skin.
	4. The standard adopted by the European Committee for Standardization (CEN) for testing the water-soluble chromium (VI) content of cement and cement-containing mixtures shall be used as the test method for demonstrating conformity with paragraph 1.
	5. Leather articles coming into contact with the skin shall not be placed on the market where they contain chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry weight of the leather.
	6. Articles containing leather parts coming into contact with the skin shall not be placed on the market where any of those leather parts contains chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry weight of that leather part.
	7. Paragraphs 5 and 6 shall not apply to the placing on the market of second-hand articles which were in end-use in the Union before 1 May 2015.
15.1.2. National regulations	

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

ARDEX SDS EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product