



Version: 1.0

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Safety Data Sheet

according to Regulation (EU) 2015/830

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Portland cement	(CAS No) 65997-15-1 (EC no) 266-043-4	> 3	STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317

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 effe	cts, both acute and delayed
Symptoms/injuries after skin contact	: Irritation.
Symptoms/injuries after eye contact	: Serious damage to eyes.
4.3. Indication of any immediate medica	I 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 su	bstance or mixture
Fire hazard	: No fire hazard.
Explosion hazard	: None.
Hazardous decomposition products in case of fire	: 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 mea	sures
6.1. Personal precautions, protective ed	uipment and emergency procedures
General measures	: Absorb spillage to prevent material damage.
6.1.1. For non-emergency personnel	
Protective equipment	: Precautions for safe handling. See Heading 7.
Emergency procedures	: Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Emergency procedures	: No specific measures are necessary.
6.2. Environmental precautions	
Prevent entry to sewers and public waters.	
6.3. Methods and material for containme	ent and cleaning up
For containment	: Collect spillage.
8/16/2016	GB - en 2/6

Safety Data Sheet

Methods for cleaning up

according to Regulation (EU) 2015/830

 Recover mechanically the product. Minimize generation of dust. Collect spillage. Do not use compressed air for cleaning.

6.4. Reference to other sections

For further information refer to section 13. See Heading 8.

SECTION 7: Handling and storage	9
7.1. Precautions for safe handling	
Additional hazards when processed	: See Heading 8.
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Wear protective gloves. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, incl	luding any incompatibilities
Storage conditions	: Protect from moisture. Store in a dry place.
Incompatible materials	: None.
Storage area	: dry.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters Portland cement (65997-15-1) United Kingdom Local name Portland cement United Kingdom WEL TWA (mg/m³) 10 mg/m³ Portlan Kingdom; Time-v Kingdom; Time-v

exposure limit (EH40/2005)

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Respiratory protection not required in normal conditions. In case of splash hazard: safety glasses. Dust formation: dust mask.

Hand protection:

Protective gloves

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0,15		EN 388

Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Dust, Droplet		EN 166

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Disposable half mask	Type P1, Type P2	Dust protection	EN 149



Environmental exposure controls:

Avoid release to the environment.

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Solid	
Appearance	: Powder.	
Colour	: Grey. white.	
Odour	: odourless.	
Odour threshold	: No data available	
рН	: 11 - 12.5	
Relative evaporation rate (butyl acetate=1)	: No data available	
Melting point	: > 1250 °C	
Freezing point	: Not applicable	
Boiling point	: No data available	
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	: No data available	
Explosive properties	: None.	
Oxidising properties	: None.	
Explosive limits	: Not applicable	
9.2. Other information		
Bulk density	: 900 - 1300 kg/m³	
	-	
SECTION 10: Stability and reactivity	ý l	
10.1. Reactivity		
Reacts with water.		
10.2. Chemical stability		
Stable under normal conditions.		
10.3. Possibility of hazardous reactions		
No dangerous reactions known under normal c	onditions of use.	
10.4. Conditions to avoid		
None under recommended storage and handlin	a conditions (see section 7).	
-		
10.5. Incompatible materials Acids. ammonium salts. Aluminium.		
10.6. Hazardous decomposition product	S	
No hazardous decomposition products known.		
SECTION 11: Toxicological informa	tion	
11.1. Information on toxicological effects		
Acute toxicity	s . Not classified	
AGUE IONICILY	. 1101 (1433)1154	
Skin corrosion/irritation	: Causes skin irritation.	
	pH: 11 - 12.5	
Cariava ava danaara/imitatian		

Safety Data Sheet

according to Regulation (EU) 2015/830	
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Irritation: severely irritant to eyes.
SECTION 12: Ecological information	n
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 (65997-15-1)	
LC50 fish 1	> 1000 mg/l (LC50; 96 h)
12.2 Dereistance and degradebility	
12.2. Persistence and degradability	
ARDEX GK	
Persistence and degradability	Not applicable. Inorganic Particulate Substances.
Portland cement (65997-15-1)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
12.3. Bioaccumulative potential	
ARDEX GK	
Bioaccumulative potential	No bioaccumulation.
Portland cement (65997-15-1)	
Bioaccumulative potential	Bioaccumulation: not applicable.
12.4. Mobility in soil	
ARDEX GK	
Ecology - soil	None.
12.5. Results of PBT and vPvB assessme	ent
ARDEX GK	
PBT: not relevant – no registration required	
vPvB: not relevant – no registration required	
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.	
Waste 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	

Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	IMDG	ΙΑΤΑ
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

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	Sensitisation — Skin, 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