

Safety Data Sheet

according to 29 CFR 1910.1200(g)

KOSTER SL Flex

Revision date: 01.03.2017

Product code: SL284

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1. Identification**Product identifier**

KOSTER SL Flex

Recommended use of the chemical and restrictions on use**Use of the substance/mixture**

The product is intended for professional use. Building and construction work.

Uses advised against

No identified use(s).

Details of the supplier of the safety data sheet

Company name:	KOSTER American Corp.	
Street:	2585 Aviator Drive	
Place:	USA Virginia Beach, VA 23453 USA	
Telephone:	+1 757 425-1206	Telefax: +1 757 425-9951
e-mail:	info@kosterusa.com	
Internet:	www.kosterusa.com	

Emergency phone number: INFOTRAC 800-535-5053 - Contract no. 76280**2. Hazard(s) identification****Classification of the chemical****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitization: Resp. Sens. 1

Specific target organ toxicity single exposure: STOT SE 3

Hazard Statements:

May cause respiratory irritation

Causes serious eye damage

Causes skin irritation

May cause an allergic skin reaction

Label elements**Regulation (EC) No. 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**

May cause respiratory irritation

Causes serious eye damage

Causes skin irritation

May cause an allergic skin reaction

Precautionary statements

If medical advice is needed, have product container or label at hand.

Wear protective gloves/protective clothing/eye protection/face protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

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3. Composition/information on ingredients**Mixtures****Chemical characterization**

Cement product for which the amount of chromium VI was decreased to < 0,0002 % by a reduction agent (related to the total dry weight).

Hazardous components

CAS No	Components	Quantity
65997-15-1	portland cement	< 10 %

4. First-aid measures**Description of first aid measures****General information**

First aider: Pay attention to self-protection!

After inhalation

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

After contact with skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Medical treatment necessary.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

The product itself does not burn.

Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protective suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

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7. Handling and storage

Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

Do not breathe dust. No special technical protective measures are necessary.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

8. Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
65997-15-1	Portland cement (resp)	-	5		TWA (8 h)	REL
65997-15-1	Portland cement (respirable fraction)		1		TWA (8 h)	ACGIH-2016
65997-15-1	Portland cement, respirable fraction	1765 mp/m ³	5		TWA (8 h)	PEL

Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Eye/face protection

In the case of the formation of dust. Tightly sealed safety glasses.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

Respiratory protection necessary at: insufficient ventilation. half-mask with filter (DIN EN 149).

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: solid
 Color: grey
 Odor: odourless

Test method

Changes in the physical state

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Flammability

Solid: Non-flammable.

Explosive properties

not explosive.

Oxidizing properties

Not oxidizing.

Bulk density:

1,0 - 1,5 kg/m³

Water solubility:

practically insoluble

10. Stability and reactivity

Chemical stability

Stability: Stable

Possibility of hazardous reactions

Hazardous reactions: Will not occur

Incompatible materials

Aluminium. Acid.

11. Toxicological information

Information on toxicological effects**Route(s) of Entry**

skin contact. inhalation.

ATEmix calculated

ATE (inhalative aerosol) 0,013 mg/l

Acute toxicity

CAS No	Components			
	Exposure route	Dose	Species	Source
65997-15-1	portland cement			
	dermal	LD50 2000 mg/kg	Rabbit	Kietzmann et al 1999

Irritation and corrosivity

Irritating to eyes. Risk of serious damage to eyes. Following inhalation: Lung irritation. Coughing. shortage of breath. After skin contact: Irritant.

Sensitizing effects

May cause sensitisation by skin contact.

Carcinogenic/mutagenic/toxic effects for reproduction

No indications of human reproductive toxicity exist.

Carcinogenicity (NTP): n/a

Carcinogenicity (IARC): n/a

Carcinogenicity (OSHA): n/a

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

12. Ecological information

Ecotoxicity

Inorganic product which is not eliminable from water through biological cleaning processes. Product is not easily biodegradable.

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Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances. According to experiences this product is inert and not degradable.

Bioaccumulative potential

Does not accumulate in organisms.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

13. Disposal considerations**Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

14. Transport information**15. Regulatory information****U.S. Regulations****National Inventory TSCA**

Substance/product listed in the following inventories: TSCA

National regulatory information

SARA Section 311/312 Hazards:
portland cement (65997-15-1): Immediate (acute) health hazard

SARA

n/a

State Regulations**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Additional information

n/a

16. Other information

Revision date: 01.03.2017

Revision No: 1.01

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