

## Safety Data Sheet

## KOSTER SL Protect

Revision date:

Product code: SL286025

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**1. Identification****Product identifier**

KOSTER SL Protect

**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****Label elements****Regulation (EC) No. 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**Causes skin irritation  
Causes serious eye damage**Precautionary statements**If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Specific treatment (see SECTION 4: First aid measures on this label).  
Immediately call a poison center/doctor.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands thoroughly after handling.  
Keep out of reach of children.  
If medical advice is needed, have product container or label at hand.**Additional advice on labelling**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazards not otherwise classified**

The product develops an alkaline pH value with moisture and can cause irritation.

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

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

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#### Hazardous components

CAS No	Components	Quantity
65997-15-1	Portlandcement clinker	<10%

#### 4. First-aid measures

##### Description of first aid measures

###### General information

First aider: Pay attention to self-protection! Avoid contact with skin, eyes and clothes.

###### 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): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

##### Most important symptoms and effects, both acute and delayed

Following eye contact: Risk of serious damage to eyes.

After skin contact: The product develops an alkaline pH value with moisture and can cause irritation. Contains chromium (VI). May produce an allergic reaction.

Following inhalation: Inhalation of dust may cause irritation of the respiratory system.

##### Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
Treat symptomatically.

#### 5. Fire-fighting measures

##### Extinguishing media

###### Suitable extinguishing media

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

Suitable extinguishing media: Foam, Carbon dioxide (CO<sub>2</sub>), Sand, Extinguishing powder.

###### 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

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

Fire fighting water forms corrosive alkaline solutions - slip hazard! 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 dust formation. 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.

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**Methods and material for containment and cleaning up**

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

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Do not breathe dust. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Further information on handling**

When diluting/dissolving, always have the water ready first, then slowly stir in the product.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Moisture-sensitive. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

**Advice on storage compatibility**

No special precautionary measures are necessary.

**Further information on storage conditions**

No special technical protective measures are necessary.

**8. Exposure controls/personal protection****Control parameters****Exposure limits**

CAS No.	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
65997-15-1	Portland cement (resp)	-	5		TWA (8 h)	REL
65997-15-1	Portland cement, respirable fraction	1765 mp/m <sup>3</sup>	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. Suitable material: NBR (Nitrile rubber). Butyl rubber. Protect skin by using skin protective cream.

**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).

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**Environmental exposure controls**

Avoid release to the environment. Do not empty into drains.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	solid
Color:	gray
Odor:	odorless

**Changes in the physical state**

Melting point/freezing point:	not determined
Sustaining combustion:	Not sustaining combustion

**Flammability**

Solid:	Non-flammable
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**Explosive properties**

not explosive.

**Oxidizing properties**

Not oxidising

Bulk density:	1.0-1.5 kg/m <sup>3</sup>
Water solubility:	practically insoluble

**Other information**

Solid content:	100
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**10. Stability and reactivity****Reactivity**

Moisture-sensitive.

**Chemical stability**

Stability: Stable

The product is chemically stable under recommended conditions of storage, use and temperature.

**Possibility of hazardous reactions**

Hazardous reactions: Will not occur

No special precautionary measures are necessary.

**Conditions to avoid**

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

**Incompatible materials**

Aluminium. Acid.

**Hazardous decomposition products**

No known hazardous decomposition products.

**11. Toxicological information****Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

**Irritation and corrosivity**

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

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**Sensitizing effects**

Based on available data, the classification criteria are not met.  
May cause sensitization by skin contact.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.  
No indications of human reproductive toxicity exist.

**Specific target organ toxicity (STOT) - repeated exposure**

Carcinogenicity (OSHA): n/a  
Carcinogenicity (IARC): n/a  
Carcinogenicity (NTP): n/a

**Specific effects in experiment on an animal**

No information available.

**Further information**

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

**12. Ecological information****Ecotoxicity**

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

**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.

**Mobility in soil**

No information available.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains.

**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****US DOT 49 CFR 172.101****Proper shipping name:**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**15. Regulatory information**

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**U.S. Regulations****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.

**16. Other information**

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