



## LATICRETE® 190 Sealer

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	LATICRETE® 190 Sealer
Recommended use	Penetrating sealer that protects against stains, soiling, discoloration and efflorescence. (For professional use).
Manufacturer/ Importer/ Supplier/ Distributor information	Company: LATICRETE MIDDLE EAST LLC, Address P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates Telephone: +971 7 244 6396
Emergency Number	Within GCC +97172446396

## 2. HAZARD (s) IDENTIFICATION

Classification	Corrosive
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Label Element	
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Signal Words	Corrosive
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Hazard Statement(s)	
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Precautionary Statement(s) Prevention	P280 Wear protective gloves and eye/face protection. P270 Do not eat, drink or smoke when using this product. P264 Wash with plenty of water and soap thoroughly after handling.
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Precautionary Statement(s) Response	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303 + P361 IF ON SKIN (or hair): Wash with plenty of soap and water. P362 + P364 Take off contaminated clothing and wash before reuse.
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Precautionary Statement(s) Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
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Precautionary Statement(s) Disposal	Dispose waste according to local regulation.
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Other hazards which do not result in classification	None known.
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Supplemental information	In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns
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Emergency overview	IRRITANT. Irritating to eyes, respiratory system and skin.
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## 3. COMPOSITION/INFORMATION ON HAZAROUS INGREDIENTS

Name	CAS No	Content (% by wt)
Sodium methyl silicate	16589-43-8	>10%
Water	7732-18-5	>80%

## 4. FIRST-AID MEASURES

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues
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Skin contact	Take off immediately all contaminated clothing. Chemical burns must be treated by a
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	physician. Wash contaminated clothing before reuse. Get medical attention immediately
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately
Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves
Symptoms caused by exposure	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Medical attention and special treatment	Provide general supportive measures and treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

Extinguishing media	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire
Specific hazards arising from the chemical	Hazards during fire-fighting: carbon monoxide, carbon dioxide, harmful vapours Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
Special protective equipment and precautions for fire fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Firefighting equipment/instructions	Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
General fire hazards	No unusual fire or explosion hazards noted.

**6.ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
For emergency responders	wearing appropriate protective clothing.
Environmental precautions	Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Environmental manager must be informed of all major releases
Methods and materials for containment and cleaning up	Large Spills: Pick up with suitable appliance and dispose of. Pack in tightly closed containers for disposal.. Small Spills: Pick up with suitable appliance and dispose off.
Other issues relating to spills and releases	Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. Clean up in accordance with all applicable regulations.

**7. HANDLING AND STORAGE**

Precautions for safe handling	Do not breathe the mist or vapor.
Conditions for safe storage, including any incompatibilities	Containers should be stored tightly sealed in a dry place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters	Follow standard monitoring procedures.
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Provide eyewash station.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection	Wear safety glasses with side shields (or goggles). Face-shield. Wear a full-face respirator, if needed	 
Skin protection Hand protection	Wear appropriate chemical resistant gloves.	
Others	Body protection must be chosen based on level of activity and exposure.	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment	
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid
Colour	Clear
Odour	Typical
pH	10-12
Melting point/ freezing point	Not applicable
Initial boiling point and boiling range	100°C
Flash point	Not flammable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Vapor pressure	Not applicable
Relative density	1.00
Solubility (water)	Insoluble
Auto-ignition temperature	Not available

**10. STABILITY AND REACTIVITY**

Reactivity	The product is stable and non reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.



Conditions to avoid	Heat, flame
Incompatible materials	Strong acids.
Hazardous decomposition products	Carbon dioxide, carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquid.
<b>Acute toxicity/ Effects</b>	May cause discomfort if swallowed.
Oral	Swallowing may cause gastrointestinal irritation
Inhalation	Dust irritates the respiratory system, and may cause coughing and difficulties in breathing
Dermal	Not a skin sensitizer.
Eye	May cause eye irritation on direct contact
Sensitization	Not known
<b>Chronic Toxicity /Effects</b>	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
Repeated dose toxicity	No data available
Reproductive toxicity	No data available
Aspiration hazard	Not classified
Other Information	Nil.

## 12. ECOLOGICAL INFORMATION

Aquatic-toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment
Persistence and degradability	Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.
Bioaccumulative potential	No data available for this product
Mobility in soil	The product is not mobile in soil.
Additional information	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this comp

## 13. DISPOSAL CONSIDERATIONS

Disposal methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local / regional/ national/ international regulations.
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Completely emptied packaging can be given for recycling.



**14. TRANSPORT INFORMATION**

IMDG	UN 1719 Proper Shipping Name : CAUSTIC ALKALI LIQUID, N.O.S.(Sodium methyl silicate) Class : 8 Packing group : II Emergency Schedule (EmS) : F-A, S-B Labels : corrosive
IATA/ ICAO	UN No. : UN 1719 Proper Shipping Name : Caustic alkali liquid, n.o.s.(Sodium methyl silicate) Class : 8 Packing group : II Labels : Corrosive

**15. REGULATORY INFORMATION**

**Safety, health and environmental regulations**

National regulations	Followed EINECS: All ingredients listed, exempt or notified (ELINCS). TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
International regulations	AICS: All ingredients listed, exempt or notified. IECSC: All ingredients listed or exempt. KECL: All ingredients listed, exempt or notified. PICCS: All ingredients listed, exempt or notified. DSL: All ingredients listed or exempt.

**16. OTHER INFORMATION**

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