



Section 1. Product and Company Identification

**Product Name** Sodium Lignosulfonate  
**CAS Number** **Generic:** 68131-31-7  
**Specific** 8061-51-6

**Parchem - fine & specialty chemicals**  
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Section 2. Hazards Identification

**Classification of the substance or mixture**  
**Classification of the substance or mixture:** None

**GHS Label Elements**

**Pictograms:** N/A

**Signal word:** N/A

**Hazard and precautionary statements**

None

**Other dangers:** The product may be delivered at a temperature between 40°C and 80°C.  
Contains sulfites that may cause an allergic reaction in sensitive subjects.

Section 3. Composition / Information on Ingredients

**Common Name** Sodium Lignosulfonate  
**CAS Number** **Generic:** 68131-31-7  
**Specific** 8061-51-6

Section 4. First Aid Measures

**Description of First Aid**

**Eye Contact:** Rinse the eyes immediately during several minutes in running water, widening the eyelids. Consult a physician if the symptoms persist.

**Inhalation:** Not applicable.

**Ingestion:** Rinse the mouth abundantly and drink water in proportion to the quantity ingested. Do not make the subject vomit. Consult a physician.

**Skin Contact:** Wash in large quantities of water. Consult a physician in case of extended contact



**Principal symptoms and effects, acute and latent:** Not applicable

**Indication of immediate medical care and particular treatments required:** None

Section 5. Firefighting Measures

**Means of extinction**

**Aqueous solution:** non- combustible as such.

All extinguishing agents are authorized

**Particular dangers resulting from the substance or mixture:** See section 10

**Recommendations for fire firefighters:** None

Section 6. Accidental Release Measures

**Individual precautions, personal protection equipment, and emergency procedures:**

Use of personal protection equipment (eyeglasses, gloves, protective clothing) obligatory

**Precautions for environmental protection:** The material being biodegradable and fermentable, a large quantity evacuated in the drains may cause a saturation of the system or a durable reduction of dissolved oxygen in the receiving liquid vein. Avoid uncontrolled dumping of large quantities in watercourses, wastewaters, surface waters. Protect zone involved from rainwater and surface runoff.

**Confinement and cleaning methods and equipment:** Suck or retain the spilled product if possible by maintaining a tank; immobilize with any bulky absorbent such as sawdust, sand, peat. Collect mechanically the major part of the spilled product and eliminate it or recycle it depending on usage and the form of collection authorized. Wash and rinse the area abundantly with water while avoiding discharge into the sewers.

Section 7. Handling and Storage

**Precautions to be taken for handling the product without danger:** Use of personal protection equipment (eyeglasses, gloves, protective clothing) recommended. Apply usual precautions during operations of pumping and transfer for preventing leaks and heating. Follow the usual rules of rinsing and draining of pipes, sleeves and containers. Stay within the loading limits of machinery for handling heavy loads.

Do not use at temperatures higher than 200°C.

**Conditions of safe storage, including incompatibilities if any:** Store shielded from the light in a fresh (cool) and dry place

Section 8. Exposure Controls / Personal Protection

**Control parameters**

Substance	VME	VLCT
Sodium hydroxide	2mg/m <sup>3</sup>	-

**Control of exposure**

**Respiratory protection:** None

**Protection of hands:** Chemical and thermal protection gloves

**Protection of eyes:** Protective eyeglasses or masks

**Protection of skin:** Protective clothing

Section 9. Physical and Chemical Properties

**Information on essential physical and chemical properties**

**Appearance:** Viscous liquid

**Color:** Brown/Black

**Odor:** Light odor

**pH:** 6.5 to 9.0 at 25°C

**Viscosity at 25°C:** ≤ 500 cps

**Characteristic temperatures:** Thermal decomposition at 220°C

**Solubility in water:** Completely at 20°C

**Vapor pressure:** None

**Density at 25°C:** ≥ 1.229

**Other information:** Possible Crystallization as soon as T° <5°C. Reversible crystallization. Fermentable, thickens progressively during extended storage, biodegradable

Section 10. Stability and Reactivity

**Reactivity:** None

**Chemical stability:** Stable under normal ambient conditions

**Possibility of dangerous reactions:** None

**Conditions to be avoided:** None

**Incompatible materials:** None

**Dangerous decomposition products:** CO, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub> in case of confined combustion and critical heating

Section 11. Toxicological Information

**Information on toxicological effects:** No known toxicity.



Section 12. Ecological Information

**Toxicity**

**Aquatic toxicity for fish:** LC50 >100 mg/L

**Toxicity for bacteria:** TTC test > 5 ml/L

**COD:** 710 kg/T

**BOD:** 140 kg/T

**Persistence and degradability:** Product is biodegradable and fermentable: Affects the level of dissolved oxygen in receiving water streams in case of accidental dispersion. Can be eliminated by incineration under controlled conditions.

**Potential for bioaccumulation:** No data available.

**Mobility in the ground:** No data available

**Results of PBT and vPvB evaluations:** No data available.

**Other harmful effects:** None

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Not classified as a hazardous substance or mixture according to OSHA Hazard Communication Standard 1910.1200.

Section 15. Regulatory Information

**Regulation/legislation specific to the substance or mixture regarding safety, health and environment**

**Product for industrial use:** Labelling according to regulation CLP No. 1272/2008

**Evaluation of Chemical Safety:** No evaluation of chemical safety necessary.

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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