

## SAFETY DATA SHEET

SDS Number SDS 1  
Prepare Date 07.03.2013  
Revision Date 14.01.2022  
Revision 7



likitkimya

## SODIUM LIGNO SULFONATE (%40- % 56)

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

**Product name** : Sodium Lignosulfonate %40 - %56  
**CAS-Numarası** : 80-61-51-6

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** : Manufacture of substances

#### 1.3 Details of the supplier of the safety data sheet

**Company** : Likit Kimya Sanayi Ticaret A.Ş.  
**Terminal Address** : Terminal Adres: Sultanköy Merkez Mah.İncirli Mandıra Cd. No:64  
Marmara Ereğlisi/Tekirdağ/ TURKEY  
**Terminal Telephone** : 0 282 613 41 38  
**Central Office Address** : Nartanesi Sokak No:16/A Küçükbakkalköy 34750  
Ataşehir /İstanbul / TURKEY

**Central Office Telephone** : 0 216 499 30 00 (pbx)

**E-mail** : [info@likitkimya.com](mailto:info@likitkimya.com)  
: [onur\\_evcil@likitkimya.com](mailto:onur_evcil@likitkimya.com)  
: [ibrahim\\_caginda@likitkimya.com](mailto:ibrahim_caginda@likitkimya.com)  
**Web site** : [www.likitkimya.com](http://www.likitkimya.com)

#### 1.4 Hazards identification

**Emergency Phone** : 112

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

#### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 3. Composition/information on ingredients

#### 3.1 Component

No components need to be disclosed according to the applicable regulations.

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### 4. First aid measures

#### 4.1 Description of first aid measures

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

##### In case of skin contact

Wash off with soap and plenty of water..

##### In case of eye contact

Flush eyes with water as a precaution..

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

Not applicable

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

None.

### 5. Firefighting measures

#### 5.1 Extinguishing media

Aqueous solution : non-combustible as such.All extinguishing agents are authorised.

#### 5.2 Special hazards arising from the substance or mixture

Carbon oxides, Sulphur oxides

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.For personal protection see section 8.

#### 6.2 Environmental precautions

No special environmental precautions required

#### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For disposal see section 13.

### 7. Handling and storage

#### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.Storage class (TRGS 510): Non Combustible Solids

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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### 8. Exposure controls/personal protection.

#### 8.1 Control parameters

Components with workplace control parameters

#### 8.2 Exposure controls

General industrial hygiene practice.

#### Personal protective equipment

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- |  |                                    |
|--|------------------------------------|
| a) Appearance                              | Form: liquid<br>Colour: colourless |
| b) Odour                                   | No data available                  |
| c) Odour Threshold                         | No data available                  |
| d) pH                                      | No data available                  |
| e) Melting point/freezing point            | No data available                  |
| f) Initial boiling point and boiling range | No data available                  |
| g) Flash point                             | Not applicable                     |
| h) Evaporation rate                        | No data available                  |
| i) Flammability (solid, gas)               | No data available                  |

Conforms to Regulation (EC) No. 1907/2006  
(REACH), Annex II

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Marmaraereğlisi/Tekirdağ  
İlgili Kişi/Telefon/mail  
Onur EVCİL – [onur\\_evcil@likitkimya.com](mailto:onur_evcil@likitkimya.com)  
İbrahim ÇAĞINDA – [ibrahim\\_caginda@likitkimya.com](mailto:ibrahim_caginda@likitkimya.com)

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- |   |                   |
|---|-------------------|
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapour pressure                              | No data available |
| l) Vapour density                               | No data available |
| m) Relative density                             | No data available |
| n) Water solubility                             | No data available |
| o) Partition coefficient: noctanol/water        | No data available |
| p) Auto-ignition temperature                    | No data available |
| q) Decomposition temperature                    | No data available |
| r) Viscosity                                    | No data available |
| s) Explosive properties                         | No data available |
| t) Oxidizing properties                         | No data available |

### 9.2 Other safety information

No data available

## 10. Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Other decomposition products - No data available In the event of fire: see section 5

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral - Mouse - 6.030 mg/kg Remarks: Behavioral:Somnolence (general depressed activity).

Behavioral:Muscle weakness.Behavioral:Coma.

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

#### Respiratory or skin sensitisation

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İlgili Kişi/Telefon/mail  
Onur EVCİL – [onur\\_evcil@likitkimya.com](mailto:onur_evcil@likitkimya.com)  
İbrahim ÇAĞINDA – [ibrahim\\_caginda@likitkimya.com](mailto:ibrahim_caginda@likitkimya.com)

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## SODIUM LIGNO SULFONATE (%40- % 56)

No data available

### Germ cell mutagenicity

Rat

Cytogenetic analysis

### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

### Reproductive toxicity

No data available

### Specific target organ toxicity - single exposure

No data available

### Specific target organ toxicity - repeated exposure

No data available

### Aspiration hazard

No data available

### Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological information

### 12.1 Toxicity

Toxicity to fish

LC0 - Phoxinus phoxinus - > 1.000 mg/l - 48 h

LC50 - Oncorhynchus mykiss (rainbow trout) - 7.300 mg/l - 48 h

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No data available

## 13. Disposal considerations

### 13.1 Waste treatment methods

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İlgili Kişi/Telefon/mail  
Onur EVCİL – [onur\\_evcil@likitkimya.com](mailto:onur_evcil@likitkimya.com)  
İbrahim ÇAĞINDA – [ibrahim\\_caginda@likitkimya.com](mailto:ibrahim_caginda@likitkimya.com)

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### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

### 14. Transport information

#### 14.1 UN number

ADR/RID: - IMDG: - IATA: -

#### 14.2 UN proper shipping name

ADR/RID Not dangerous goods  
IMDG Not dangerous goods  
IATA Not dangerous goods

#### 14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

#### 14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

#### 14.5 Environmental hazards

ADR/RID: no IMDG: no IATA: no

#### 14.6 Special precautions for user

No data available

### 15. Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

CLP No. 1272/2008

#### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

### 16. Other information

#### Further information

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