

## SAFETY DATA SHEET

SDS Number : SDS 64  
Prepare Date : 01.11.2019  
Revision Date : -  
Revision : -



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## CALCIUM NAPHTHALENE SULFONATE (SP1)POWDER

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

#### 1.1 Product identifiers

Product name : Calcium Naphthalene Sulfonate SP 1  
CAS-NO : 9084-06-4

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

Identified uses : Admixture for concrete and mortar mixtures

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

Company : Likit Kimya Sanayi Ticaret A.Ş.  
Terminal Address : Terminal Adres: Seymen Yolu. 3.km Marmara Ereğlisi/Tekirdağ  
Terminal Telephone : 0 282 613 41 38  
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#### 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

The substance is not PBT / vPvB

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### 3. Composition/information on ingredients

#### 3.1 Component

Within the meaning of REACH Regulation (1907/2006/EC) the product is a polymer.

Chemical name	CAS №	EC №	Concentration, wt. %
Calcium naphthalene sulfonate polymer with methanal	9084-06-4	618-665-6	Min 92

### 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. If breathing is difficult, give oxygen.

##### In case of skin contact

Wash off with soap and plenty of water..

##### In case of eye contact

Try to avoid eyes injury as far as possible. If easy to do, re-move contact lens, if worn. Rinse thoroughly with plenty of water.

#### 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

Recommended extinguishing : Use air-filled foam, water spray.

Prohibited extinguishing media : No data available.

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

Explosive dust concentrations. Try to avoid dust forming.

Hazardous thermal decomposition products may be formed under fire conditions (see section 10).

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

Follow standard procedure for chemical fires. Use extinguish-ing measures against main source of ignition. In case of open flame do not breathe fumes. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### 6. Accidental release measures

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

Also refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to safe areas. Avoid dust inhalation

#### 6.2 Environmental precautions

If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment. Obey special instructions and safety rules.

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

Do not allow spillage to get in interceptor sewer or on soil. Sweep or collect without making a dust and recycle or dispose in accordance with applicable instructions.

#### 6.4 Reference to other sections

See Section 7, 8, 11, 12 and 13.

### 7. Handling and storage

#### 7.1 Precautions for safe handling

For personal protection measures and equipment see section 8. Avoid contact with skin and eyes. Avoid inhalation of dust. Avoid exposure – obtain special instructions before use. Normal measures for preventive fire protection.

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

Keep container tightly closed in a dry and well-ventilated place. Keep away from food, drink and animal feeding stuffs. Incom-patible with acids and bases. Do not store together with oxi-dizers.

Storage period : 1 year from production date.

Storage temperature : N/A

#### 7.3 Specific end use(s)

No data available.

### 8. Exposure controls/personal protection.

#### 8.1 Control parameters

Parameters of working environment must be under control. Product does not contain significant concentration of the substances that must be controlled in the air of the working environment.

#### 8.2 Exposure controls

Pressurization of technological equipment.

Provide sufficient general inflow exhaust and local ventilation in workrooms to avoid dust accumulation that can take place in product work areas.

#### Personal protective equipment

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

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### 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

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

### Body Protection

Protective cotton clothing.

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

### Respiratory protection

Respirator, industrial gas mask if needed.

Use breath protection equipment tested and approved under appropriate government standards CEN (EU).

Handle in accordance with good industrial hygiene and safety practice.

General industrial hygiene practice.

Avoid dust inhalation.

Avoid contact with skin, eyes and clothing.

When using do not eat, drink or smoke.

Wash hands thoroughly after work.

Use skin protection equipment.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |   |   |
|---|---|
| a) Appearance                                   | Form: Powder<br>Colour: Light Brown                     |
| b) Odour  | Specific  |
| c) Odour Threshold                              | No data available                                       |
| d) pH   | 7-9 (concentration of water solution by weight is 2.5%) |
| 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)                    | Non-flammable.  |
| j) Upper/lower flammability or explosive limits | No data available                                       |
| k) Vapour pressure                              | No data available                                       |

Conforms to Regulation (EC) No. 1907/2006  
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- |   |                   |
|---|-------------------|
| l) Vapour density                           | No data available |
| m) Relative density                         | Not applicable.   |
| n) Water solubility                         | Complete.         |
| o) Partition coefficient:<br>noctanol/water | No data available |
| p) Auto-ignition<br>temperature             | No data available |
| q) Decomposition<br>temperature             | No data available |
| r) Viscosity                                | Not applicable.   |
| s) Explosive properties                     | Non-explosive     |
| t) Oxidizing properties                     | Non-oxidizing.    |

### 9.2 Other safety information

No data available

## 10. Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Protect from moisture.

### 10.5 Incompatible materials

Acids, bases, oxidizer

### 10.6 Hazardous decomposition products

Hazard decomposition : No data available

Thermal decomposition: Build-up of dangerous fumes possible in cases of fire:

Sulphur oxides, Carbon oxides, Sodium.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Polyplast SP3,5 LD50 (rats): 4500 mg/kg

Polyplast SP 5 LD50 (rats): not less than 3000 mg/kg

#### Skin corrosion/irritation

Non irritating.

#### Serious eye damage/eye irritation

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Low irritation effect.

### Respiratory or skin sensitisation

Non skin sensitizing.

Non respiratory sensitizing.

### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

### 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

## 12. Ecological information

### 12.1 Toxicity

No data available

### 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

Conforms to Regulation (EC) No. 1907/2006  
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### 13.1 Waste treatment methods

#### Product

In accordance with local and national regulations. Do not dis-pose of waste into sewer. This material and its container must be disposed of in a safe way. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

### 14. Transport information

IATA: not restricted under IATA regulations

#### 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

Special labelling of certain mixtures : For professional use only  
Seveso Directive (96/82/EC) : Directive does not apply.

#### 15.2 Chemical safety assessment

The Chemical Safety Assessment was not undertaken.

### 16. Other information

H303 : Can be harmful if swallowed.  
H320 : Causes eye irritation if contact with eyes.  
H335 : May cause respiratory irritation  
  
H413 : May cause long lasting negative effects to aquatic life.

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### Further information

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