

SAFETY DATA SHEET

SDS Number SDS 65
Prepare Date 12.11.2019
Revision Date -
Revision -



likitkimya

CALCIUM NAPHTHALENE SULFONATE (SP1) LIQUID

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

1.1 Product identifiers

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

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

Identified uses : High range water reducing and plasticizing concrete and mortar admixture. Fludizer for gypsum applications.

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
Central Office Address : Dudullu Yolu Cad. Parlar İş Merkezi No:115/4 34755
Ataşehir /İstanbul / TÜRKİYE

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

E-mail : info@likitkimya.com
: onur_evcil@likitkimya.com
: ibrahim_caginda@likitkimya.com

Web site : 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

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 polynaphthalene-methane-sulfonate	9084-06-4	618-665-6 (polymer)	>40
Water	7732-18-5	231-791-2	<60

4. First aid measures

4.1 Description of first aid measures

No special measures are required.

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

In case of contact, flush skin with plenty of water in order to prevent irritation.

In case of eye contact

Protect unharmed eye. If easy to do, remove contact lens, if worn. Rinse thoroughly with plenty of water.

Ingestion

Rinse mouth with water. Seek medical help.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

5.1 Extinguishing media

Use applicable fire extinguishing methods that correspond to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No further relevant information available. See point 5.1.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, universal binders, sawdust)

6.4 Reference to other sections

No dangerous substances are released.

7. Handling and storage

7.1 Precautions for safe handling

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: No special requirements.

Further information on storage conditions: None.

Advice on common storage : Keep away from food, drink and animal feeding stuffs. Incompatible with acids and bases.

Storage period : 1 year

Storage temperature : > 0° C, max. 50° C

7.3 Specific end use(s)

No further relevant information 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 as well as highly effective exhaust ventilation.

Personal protective equipment

Usual precautionary measures are to be adhered while handling chemicals.

Eye/face protection

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

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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

Not required.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|---|---|
| a) Appearance | Form: Liquid
Colour: Brown |
| b) Odour | Characteristic. |
| c) Odour Threshold | No data available |
| d) pH | 6-8 (concentration of water solution by weight is 2.5%) |
| e) Melting point/freezing point | < 0° C - > 100° C |
| f) Initial boiling point and boiling range | Not applicable |
| 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 |
| l) Bulk density | ≥ 500 kg/m ³ |
| m) Relative density | Not applicable. |
| n) Water solubility | Complete. |
| o) Partition coefficient: noctanol/water | No data available |
| p) Auto-ignition temperature | No data available |
| q) Decomposition temperature | No data available |
| r) Viscosity | Not applicable. |
| s) Explosive properties | Non-explosive |
| t) Oxidizing properties | Non-oxidizing. |

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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

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Hazard decomposition : Build-up of dangerous fumes possible in cases of fire:
Sulphur oxides, Carbon oxides, Calcium.

Thermal decomposition: > 450° C

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50 (rats): 2000 mg/kg

Skin corrosion/irritation

Non irritating.

Serious eye damage/eye irritation

Non irritating.

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

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No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available

12. Ecological information

12.1 Toxicity

EC50 (Daphnia magna): 127 mg/l
Exposure time: 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

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

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

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

Terminal Adress: Sultanköy Merkez Mah.İncirli Mandra Cd.. No:64
Marmaraeğlisi/Tekirdağ
İlgili Kişi/Telefon/mail
Onur EVCİL – onur_evcil@likitkimya.com
İbrahim ÇAĞINDA – ibrahim_caginda@likitkimya.com

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14.6 Environmental hazards

ADR/RID: no IMDG: no IATA: no

14.7 Special precautions for user

See sections 6,7 and 8

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. This product is a polymer.

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.

Further information

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