

Safety Data Sheet

acc. to OSHA HCS

Printing date 27/02/2025

Reviewed on 27/02/2025

1 Identification

- **Product identifier**
- **Trade name:** SODIUM CUMENE SULPHONATE

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

RLS Chemicals
32 Main Reef Road
Benrose, Johannesburg
2094

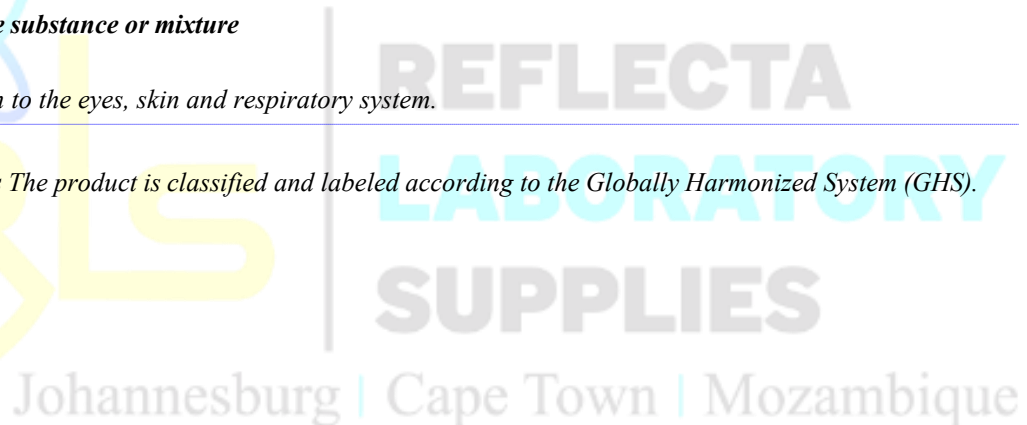


- **Emergency telephone number:**

Spill Tech: 086 100 0366
Emergency: 010 448 3426

2 Hazard(s) identification

- **Classification of the substance or mixture**
- *May cause irritation to the eyes, skin and respiratory system.*
- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



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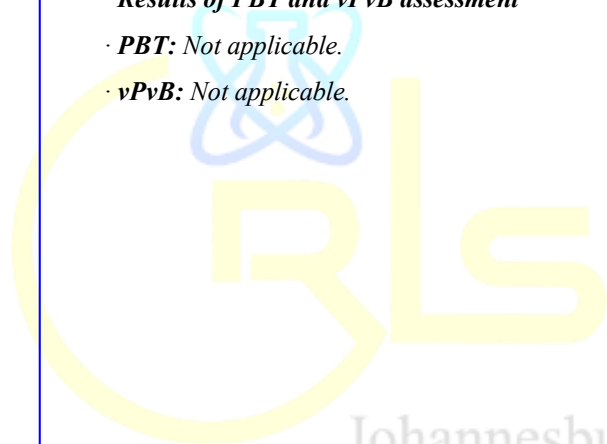
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· Signal word *Danger***· Hazard statements***· May cause irritation to the eyes, skin and respiratory system.***· Precautionary statements***Wear protective gloves / protective clothing / eye protection / face protection.**If swallowed: Call a poison center / doctor if you feel unwell.**If on skin: Wash with plenty of water. Call a poison center / doctor if you feel unwell.**If in eyes: Rinse cautiously with water for several minutes.**Remove contact lenses, if present and easy to do. Continue rinsing.**If exposed or concerned: Call a poison center / doctor***· Classification system:****· NFPA ratings (scale 0 - 4)****· Other hazards****· Results of PBT and vPvB assessment****· PBT:** *Not applicable.***· vPvB:** *Not applicable.*

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Substances:**

CAS: 7732-18-5	Water	< 5
CAS: 28348-53-0	Sodium Cumene Sulphonate (SCS)	93 Min
CAS: 7757-82-6	Sodium Sulphate	< 4

4 First-aid measures

- **Description of first aid measures**
- **General information:**
First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.
- **After inhalation:** Fresh air. Call in physician.
- **After skin contact:** Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a physician immediately.
- **After eye contact:**
Rinse out with plenty of water. Immediately call in ophthalmologist.
- **After swallowing:** Immediately make person drink water (two glasses at most). Consult a physician.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Water spray, Foam, Carbon Dioxide (CO₂), Dry chemical powder.
- **Special hazards arising from the substance or mixture**
Material is not flammable but if involved in a fire could give off toxic fumes such as Sulphur dioxide.
- **Advice for firefighters:** Stay in danger area only with self-contained breathing apparatus.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Isolate area. Ventilate closed space before entering. Keep unnecessary personnel away. Stay upwind and keep out of low areas.

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- **Environmental precautions:**
Prevent any leakage or spillage if safe to do so.
- **Methods and material for containment and cleaning up:**
Prevent entry into waterways, sewers, basement or confined space.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

7 Handling and storage

- **Handling:** Do not inhale substance/mixture.
- **Precautions for safe handling**
Avoid skin, eye and clothing contact.
Wash hands thoroughly after handling.
Ensure good ventilation/exhaustion at the workplace.
Open and handle with care.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:** Store in original tightly closed container.
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Components with limit values that require monitoring at the workplace:**
 The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
 At this time, the remaining constituent has no known exposure limits.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
 Store protective clothing separately.
 Avoid contact with the eyes and skin.
- **Breathing equipment:**
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
- **Body protection:** Protective work clothing

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Powder
Color:	Off-white
Odor:	None
Odor threshold:	Not determined.

· **pH-value:** 7 - 9 @ 1% Aqueous

· **Change in condition**

Melting / Freezing Point:	Not applicable.
Boiling point/Boiling range:	Not applicable.

· **Flash point:** > 94°C

· **Flammability (solid, gaseous):** Not applicable.

· **Molecular Weight:** Not applicable.

· **Decomposition temperature:** Not determined.

· **Ignition temperature:** Not applicable.

· **Danger of explosion:** Not applicable.

· **Vapor pressure:** Not applicable.

Vapor Density:	Not determined.
Relative density	0.340/m ³
Density	Not determined.
Evaporation rate	Not determined.

· **Solubility in / Miscibility with Water:** Not applicable.

· **Partition coefficient (n-octanol/water):** Not determined.

Viscosity:	Not determined.
Dynamic:	Not determined.
Kinematic:	Not determined.

· **Percent volatile:** 4 - 5

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10 Stability and reactivity

- **Reactivity** No further information available.
- **Chemical stability:** Stable under normal conditions of use, storage and transportation.
- **Thermal decomposition / conditions to be avoided:** No data available.
- **Possibility of hazardous reactions** No dangerous reaction is known under normal conditions of use.
- **Conditions to avoid** heat, sparks and other ignition sources. Avoid temperatures exceeding the flash point.
- **Incompatible materials:** Strong oxidants, Strong acids
- **Hazardous decomposition products:** Upon decomposition, the product may yield sulphur dioxide and oxides of sulphur.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· Primary irritant effect:

· **on the skin:** Irritant to skin.

· **on the eye:** Causes serious eye damage.

· **Ingestion:** Harmful if swallowed.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant to skin and serious eye damage.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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12 Ecological information

- **Toxicity:** to fish, to daphnia and other aquatic invertebrates, to algae.
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bio accumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow product to reach drains.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
No data available.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|---|--|
| <ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA | <p>Not regulated as dangerous goods.</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG, IATA | <p>Not regulated as dangerous goods.</p> |

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· **Transport hazard class(es)**

· **DOT**

Class

Not applicable.

· **IMDG, IATA**

Class

Not applicable.

· **Packing group
IMDG, IATA**

Not applicable.

· **Environmental hazards:
Marine pollutant:**

Not applicable.

· **Special precautions for user**

Read safety instructions and SDS before handling.

· **Hazard identification number (Kemler code):**

· **EMS Number:**

· **Stowage Category**

· **Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Quantity limitations**

Not applicable

· **IMDG**

· **Limited quantities (LQ)**

Not applicable

· **Excepted quantities (EQ)**

Not applicable

· **UN "Model Regulation":**

Not regulated as dangerous goods.

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

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· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**

· **Signal word** Danger

· **Hazard statements**

· May cause irritation to the eyes, skin and respiratory system.

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Precautionary statements

- *Wear protective gloves / protective clothing / eye protection / face protection.*
- *If swallowed: Call a poison center / doctor if you feel unwell.*
- *If on skin: Wash with plenty of water. Call a poison center / doctor if you feel unwell.*
- *If in eyes: Rinse cautiously with water for several minutes.*
- *Remove contact lenses, if present and easy to do. Continue rinsing.*
- *If exposed or concerned: Call a poison center / doctor*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** *Environment protection department.*
- **Date of preparation / last revision**
Creation date for SDS: 14/08/2024
Revision 1.0, 27/02/2025: Reviewed SDS for accuracy. STN/GW



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