

## 1. Product and Company Identification

www.rxmarine.com

Product Name Sodium Cumene Sulfonate 93 Percent  
Part Number RXSOL-19-1978-025

Company Details:....

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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## 2. Composition / Information on ingredients

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Chemical Name	Cas No	EC No	Molecular Weight	Formula
Sodium Cumene Sulfonate 93 Percent	28348-53-0	248-983-7	222.24	C <sub>7</sub> H <sub>7</sub> O <sub>7</sub> SNa

## 3. Hazards Identification

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Signal Word	Warning
GHS Hazard Statements	H319 Causes serious eye irritation.
GHS Precautionary statements	P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
Unclassified Hazards/Hazards Not Otherwise Classified	No data available.

## 4. First Aid Measures

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General advice	If medical attention is required, show this safety data sheet to the doctor.
If inhaled	If inhaled, move person to fresh air. If not breathing, give artificial respiration and consult a physician.
In Case of Eye Contact	Immediately rinse eyes with plenty of water for at least 15 minutes. Consult a physician.
If Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting unless advised to do so by a physician or Poison Control Center. Seek medical attention.
In Case of Skin Contact	Wash affected area with soap and water. Consult a physician if any exposure symptoms are observed.
Most important symptoms and effects, both acute and delaye	The most important known symptoms and effects are described in the labeling (see section 2.2) and/or section 11.
Indication of any immediate medical attention and special treatment needed	No data available

## 5. Fire-fighting Measures

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Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides, Sulfur oxides, Sodium oxides
Advice for firefighters	Wear self contained breathing apparatus for fire fighting if necessary. Use personal protection equipment.
Further Information	No data available.

## 6. Accidental Release Measures

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Personal precautions	Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Avoid contact with skin, eyes or clothing.
Environmental Precaution	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. Handling and Storage

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Precautions for safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place. Storage conditions: -20°C
Specific end use(s)	For scientific research and development only. Not for use in humans or animals.

## 8. Exposure controls and personal protection

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Control Parameters	Contains no components with established occupational exposure limits.
Appropriate Engineering Controls	A laboratory fumehood or other appropriate form of local exhaust ventilation should be used to avoid exposure.
Personal Protective Equipment	All recommendations below are advisory in nature and a risk assessment should be performed by the employer/end user prior to use of this product. The type of protective equipment must be selected based on the amount and concentration of the dangerous material being used in the workplace.
Eye/Face Protection	Safety goggles or face shield. All equipment should have been tested and approved under appropriate standards, such as NIOSH (US), CSA (Canada), or EN 166 (EU).
Skin protection	Gloves should be used when handling this material. Gloves are to be inspected prior to use. Contaminated gloves are to be removed using proper glove removal technique so that the outer surface of the glove does not contact bare skin. Dispose of contaminated gloves after use in compliance with good laboratory practices and local requirements. Gloves used for incidental exposures (splash protection) should be designated as "chemical resistant" by EU standard EN 374 with the resistance codes corresponding to the anticipated use of the material. Unrated gloves are not recommended. Suggested gloves: AnsellPro Sol-Vex nitrile gloves style 37-175, 15 mil thickness. Penetration time has not been determined. Gloves used for prolonged direct exposure (immersion) should be designated "chemical resistant" as per EN 734 with the resistance codes corresponding to the anticipated use of the material. Suggested gloves: AnsellPro Viton/Butyl gloves style 38-612, 4/8 mil thickness. Penetration

Body Protection  
Respiratory protection

time has not been determined. These recommendations may not apply if the material is mixed with any other chemical, or dissolved into a solution. A risk assessment must be performed to ensure the gloves will still offer acceptable protection.

Fire resistant (Nomex) lab coat or coveralls.

Recommended respirators are NIOSH-approved N100 or CEN-approved FFP3 particulate respirators. These are to be only used as a backup to local exhaust ventilation or other engineering controls. If the respirator is the only means of protection, a full-face supplied air respirator must be used.

## 9. Physical and chemical properties

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Appearance	White to Off-White Solid
Odour	No data available
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point	>300°C
Initial Boiling Point/Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower Flammability/Explosive Limits	No data available
Vapour pressure	No data available
Vapour Density	No data available
Relative Density	No data available
Solubility	DMSO (Slightly)
Partition Coefficient: n-octanol/water	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

## 10. Stability and reactivity

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Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	In the event of fire: See section 5. Other decomposition products: No data available.

## 11. Toxicological information

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Acute toxicity	Oral LD50: Rat - >7,000 mg/kg  Inhalation LC50: Rat - 4 h - 770 mg/L Dermal LD50: Rabbit - >2,000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available

Respiratory or skin sensitization	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Reproductive toxicity	No data available
Single Target Organ Toxicity - Single Exposure	No data available
Single Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	Causes eye irritation.
Signs and Symptoms of Exposure	The most important known symptoms and effects are described in the labeling (see section 2.2) and/or section 11.
Additional Information	To the best of our knowledge, the chemical, physical, and toxicological properties of this material have not been thoroughly investigated. RTECS: Not available

## 12. Ecological information

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Toxicity	No data available.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.
Results of PBT and vPvB Assessment	No data available.
Other Adverse Effects	No data available.

## 13. Disposal considerations

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Waste treatment Method	<p>A) Product</p> <p>Product may be burned in an incinerator equipped with afterburner and scrubber. Excess and expired materials are to be offered to a licensed hazardous material disposal company. Ensure that all Federal and Local regulations regarding the disposal and destruction of this material are followed.</p> <p>B) Contaminated Packaging</p> <p>Dispose of as above.</p> <p>C) Other Considerations</p> <p>Product is not to be disposed of in sanitary sewers, storm sewers, or landfills.</p>
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## 14. Transport information

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UN number	ADR/RID:N/A IMDG:N/A IATA: N/A DOT (US): N/A
UN proper shipping name	IMDG:Not dangerous goods DOT(US) IATA:Not dangerous goods
Transport hazard class(es)	ADR/RID: N/A IMDG: N/A IATA: N/A DOT (US): N/A
Packaging group	ADR/RID: N/A IMDG: N/A IATA: N/A DOT (US): N/A
Environmental hazards	ADR/RID: None IMDG: None IATA: None DOT (US): None

## 15. Regulatory information

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Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

A) Canada  
DSL/NDSL Status: This product or a component of this product is registered on the Canadian DSL/NDSL.

B) United States

TSCA Status: This product or a component is listed on the US EPA TSCA.

C) European Union

ECHA Status: This product or a component is registered with the EU ECHA.

Chemical Safety Assessment

No data available

## 16. Other information

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Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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