



SAFETY DATA SHEET

Sulfated Castor Oil

1. Identification

Product Name: Sulfated Castor Oil

Recommended use of chemical and restrictions on use: Chemical Intermediate

Chemical family: Alkyl sulfates

Synonyms: Sulphonated Castor Oil, Turkey Red Castor Oil, Castor Oil Sulfated

Name and address of the distributor: Chemistry Connection
253 Sturgis Road
Conway, AR 72034

Supplier's telephone number: (501) 470-9689

24 Hr. Emergency telephone number: (800) 424-9300 (CHEMTREC)

2. Hazard(s) Identification

HMIS:

Label Elements:

Health	1
Flammability	1
Reactivity	0
Personal Protection	

NONE REQUIRED, EYE IRRITATION – Category 2B

Signal Word:

WARNING

Hazard Statement(s):

Causes eye irritation



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Precautionary Statement(s) Prevention

Wash hands thoroughly after handling.

Precautionary Statement(s) Response

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Precautionary Statement(s) Storage

None

Precautionary Statement(s) Disposal

None

3. Composition/Information on Ingredients

Chemical Name	CAS Number	Percent by Weight
SULFATED CASTOR OIL SODIUM SALT	68187-76-8	75.0

4. First Aid Measures

Ingestion:

IF SWALLOWED CONTACT PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. INDUCE VOMITING ONLY ON ADVICE OF PHYSICIAN.

Inhalation:

IF AFFECTED BY BREATHING VAPOR, REMOVE INDIVIDUAL TO FRESH AIR.

Skin Contact:

IF SKIN IRRITATION IS SEVERE OR CONTINUES, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. DISCARD CONTAMINATED SHOES.



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Eye Contact: IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES. IF IRRITATION IS SEVERE OR CONTINUES AFTER RINSING, GET MEDICAL ATTENTION.

General information- Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.

5. Firefighting Measures

Fire/Explosion Hazard: NO INFORMATION AVAILABLE

Extinguishing Media: WATER SPRAY OR MIST, CO₂, DRY CHEMICAL, FOAM.

Unsuitable Extinguishing Material: NO INFORMATION AVAILABLE

Specific Hazards Arising from the Chemical: CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

Special Firefighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Special Protective Equipment for Firefighters: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures REMOVE ALL UNNECESSARY PERSONNEL. FOR PERSONAL PROTECTIVE EQUIPMENT SEE SECTION 8.



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Environmental precautions

KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

Methods and material for containment and cleaning up.

CONTAIN SPILL AND SALVAGE AS MUCH MATERIAL AS POSSIBLE BY PUMPING TO A SALVAGE TANK OR DRUM. PICK UP REMAINING MATERIAL WITH A SUITABLE ABSORBENT.

Reference to other sections

NO INFORMATION AVAILABLE

7. Handling and Storage

Precautions for Safe Handling:

WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. PRODUCT WILL CAUSE FLOORS TO BECOME VERY SLIPPERY WHEN IT IS SPILLED ON THEM.

Conditions for Safe Storage Including Any Incompatibilities:

STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING. STRONG OXIDIZERS.

8. Exposure Controls/Personal Protection

Control Parameters:

None

Appropriate Engineering Controls:

SAFETY SHOWER/EYE BATH.

Personal Protective Equipment (PPE):

Eye/Face Protection: CHEMICAL SPLASH GOGGLES.

Skin/Hand Protection: NOT NORMALLY REQUIRED.

Respiratory Protection: NOT NORMALLY REQUIRED.



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Other: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Color:	CLEAR AMBER
Odor:	Mild Odor
Odor Threshold:	Not Available
pH 10g/l	7.0 – 8.0 (1% sol.)
Freezing/Melting Point (°C):	Not Available
Boiling Point (°C):	212°F
Flash Point (°C):	>212°F
Evaporation Rate:	Not Available
Flammability:	None
Upper Explosive Limit (%):	Not Explosive
Lower Explosive Limit (%):	Not Explosive
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Relative Density:	Not Available
Solubility in Water:	Soluble
Solubility (Other):	Not Available
Partition Coefficient (n-Octanol/Water)	Not Available
Auto-ignition Temperature (°C):	Not Available
Decomposition Temperature (°C):	Not Available
Viscosity:	330 cps
VOC:	Not Available
Percent Volatile:	Not Available

Specific Gravity 1.040 g/ml

10. Stability and Reactivity

Reactivity: Not Available

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: None are known

Conditions to Avoid: Not Determined

Incompatible Materials: Strong Oxidizers

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Sulfur Oxides and various hydrocarbons may be released during a fire.

11. Toxicological Information

Acute oral toxicity (rat)

Acute dermal toxicity (rabbit) No skin irritation, no eye irritation, no sensitization.

Acute inhalation toxicity Not Available

Subchronic oral toxicity (rat) No skin irritation, no eye irritation, no sensitisation.

Skin irritation (rabbit) Not Available

Eye irritation (rabbit) Will cause moderate to severe eye irritation.

Sensitization No skin irritation, no eye irritation, no sensitisation

Phototoxicity (guinea pig) Not available

Chronical toxicity Not available



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12. Ecological Information

Toxicity	Not Available
Persistence and degradability	Not Available
Bioaccumulative potential	Not Available
Mobility in soil	Not Available
Results of PBT and vPvB assessment	Not Available
Other adverse effects	Not Available

13. Disposal Considerations

Waste treatment methods	Suitable waste-disposal site. When product must be discarded, do so into an authorized dump or recycling service station. Act in accordance with Local, State and Federal regulations.
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14. Transportation Information

UN number	Not Restricted
UN proper shipping name	Not Restricted
Transport hazard class	Not Restricted
Packing group	Not Restricted
Environmental hazards	Not Restricted
Special precautions for user	Not Restricted
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not Restricted



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15. Regulatory Information

US Federal Regulations

**Safety, health, and
environmental regulations/legislation
specific for the substance**

Substance not listed

SARA 311/312

Acute Hazard

US State Regulations:

N/A

California Prop 65

N/A

Inventory Status:

Yes

TSCA Inventory

Australia (AICS)

N/A

Canada (DSL/NDSL)

N/A

China (IECSC)

N/A

Europe (REACH)

N/A

Europe (EINEC/ELINCS)

N/A

Japan (ENCS)

N/A

Korea (KECI)

N/A

New Zealand (NZIoC)

N/A



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Philippines (PICCS)	N/A
Switzerland (SWISS)	N/A
Taiwan (TCSCA)	N/A

16. Other Information

Source of Information:

No data available

Further Information:

No data available

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