



# SAFETY DATA SHEET

## Sulfated Castor Oil

### 1. Identification

<b>Product Name:</b>	<b>Sulfated Castor Oil</b>
<b>Recommended use of chemical and restrictions on use:</b>	Chemical Intermediate
<b>Chemical family:</b>	Alkyl sulfates
<b>Synonyms:</b>	Sulphonated Castor Oil, Turkey Red Castor Oil, Castor Oil Sulfated
<b>Name and address of the distributor:</b>	Chemistry Connection 253 Sturgis Road Conway, AR 72034
<b>Supplier's telephone number:</b>	(501) 470-9689
<b>24 Hr. Emergency telephone number:</b>	(800) 424-9300 (CHEMTREC)

### 2. Hazard(s) Identification

<b>HMIS:</b>	<b>Health</b>	<b>1</b>
	<b>Flammability</b>	<b>1</b>
	<b>Reactivity</b>	<b>0</b>
	<b>Personal Protection</b>	
<b>Label Elements:</b>		

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

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### 3. Composition/Information on Ingredients

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

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### 4. First Aid Measures

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**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.

**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.

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## 5. Firefighting Measures

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**Fire/Explosion Hazard:** NO INFORMATION AVAILABLE

**Extinguishing Media:** WATER SPRAY OR MIST, CO<sub>2</sub>, 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.

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## 6. Accidental Release Measures

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

<b>Environmental precautions</b>	KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.
<b>Methods and material for containment and cleaning up.</b>	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.
<b>Reference to other sections</b>	NO INFORMATION AVAILABLE

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## 7. Handling and Storage

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<b>Precautions for Safe Handling:</b>	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.
<b>Conditions for Safe Storage Including Any Incompatibilities:</b>	STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING. STRONG OXIDIZERS.

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## 8. Exposure Controls/Personal Protection

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<b>Control Parameters:</b>	None
<b>Appropriate Engineering Controls:</b>	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.

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

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## 9. Physical and Chemical Properties

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**Appearance:**

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

**Specific Gravity**

1.040 g/ml

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## 10. Stability and Reactivity

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**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.

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## 11. Toxicological Information

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**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

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

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## 13. Disposal Considerations

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**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

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

## 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



Philippines (PICCS)

N/A

Switzerland (SWISS)

N/A

Taiwan (TCSCA)

N/A

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## 16. Other Information

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**Source of Information:**

No data available

**Further Information:**

No data available

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