



**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFIER: STAN-FACT™ 2SR LIGHT BROWN FACTICE SCREENED**

**Other means of identification**

**Chemical Characterization:** Sulfur Crosslinked/Vulcanized Soybean Oil  
**Synonyms:** Soybean Oil, Sulfurized. Factice.

**Recommended Use:** Additive for the rubber industry  
**Recommended Restrictions:** None known.

**Supplier information:**

**Manufactured for and supplied by:**

**Supplier:** Harwick Standard Distribution Corporation  
**Supplier Address:** 60 S. Seiberling Street, Akron, OH 44305  
**Contact:** Health, Safety & Environment  
**Telephone:** 330-798-9300  
**Website:** [www.harwickstandard.com](http://www.harwickstandard.com)

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS):**

This material is not classified as hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Label Elements:**

**Hazard symbol:** Not required.  
**Signal word:** Not required.

**Hazard Statements:** Not required.

**Precautionary Statements:**

**Prevention:** Not required.  
**Response:** Not required.  
**Storage:** Not required.  
**Disposal:** Not required.

**Hazard(s) not otherwise classified (HNOC):**

**Supplemental information:** None



**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

**Mixture:**

**Components Chemical Identity                      CAS Number                      Weight%/Typical**

Refined Soybean Oil, Sulfurized-Sulfur Crosslinked	68152-90-9	100
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**SECTION 4 – FIRST AID MEASURES**

**Eye contact:** Wash and rinse eyes with plenty of water. If irritation persists, get medical advice/attention.

**Inhalation:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms develop or persist.

**Skin contact:** Wash affected skin with plenty of soap and water. If irritation develops and persists, seek medical attention.

**Ingestion:** Rinse mouth. Seek medical advice if you feel unwell. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed:**

Direct contact with eyes may cause temporary irritation.

**Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Suitable extinguishing method:** Water fog, foam, dry chemical powder, carbon dioxide (CO2).

**Unsuitable extinguishing method:**

Do not use high-pressure water streams/water jet, as this will spread the fire.

**Specific hazards arising from chemical:** During fire, gases hazardous to health may be formed. Exposure to decomposition products may cause health hazard.

**Special firefighting equipment and precautions for firefighters:** Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

**Firefighting equipment/instructions:** Use water spray to cool unopened containers.



## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures:**

Keep unnecessary personnel away from spill. Wear appropriate personal protective equipment recommended in Section 8 of the SDS.

### **Methods and materials for containment and cleaning up:**

Prevent further leakage or spillage if can be done without risk. Contain and collect spillage by sweeping and place in appropriate container for proper disposal. Do not allow to enter into drains, water courses or onto ground.

**Environmental precautions:** Avoid release to the environment.

## SECTION 7 - HANDLING AND STORAGE

### **Precautions for safe handling:**

Good hygienic practices should be observed. Keep away from sources of ignition. Ensure good ventilation at the workplace.

### **Conditions for safe storage, including any incompatibilities:**

Store closed containers in a cool, dry, well-ventilated area away from incompatible materials (See Section 10). Do not expose to sunlight, which can cause slow color fading.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Appropriate engineering controls:** Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Ensure good ventilation at the work station.

### **Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Do not get in eyes.  
Wear safety glasses with side shields.

### **Skin protection:**

**Hand protection:** Wear appropriate chemical resistant protective gloves.

**Other protection:** Wear appropriate skin covering clothing.  
Avoid contact with eyes and skin.  
Wash thoroughly after handling.



**Respiratory protection:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Additional Information:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance/Physical Form:</b>	Granular (solid)
<b>Color:</b>	Light Brown
<b>Odor:</b>	Characteristic sulfur
<b>Odor threshold:</b>	Not available
<b>Softening Point:</b>	Not available
<b>pH:</b>	Not available
<b>Initial Boiling Point/Range:</b>	Not available
<b>Flash Point:</b>	>200°C (392°F)-Open cup
<b>Evaporation Rate:</b>	Not available
<b>Explosion Limits (LEL/UEL):</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Specific Gravity:</b>	1.03-1.08 (Typical)
<b>Molecular weight (GPC, Mw):</b>	Not available
<b>Solubility (water):</b>	Insoluble sulfur-crosslinked soybean oil polymer network
<b>Partition Coefficient: (n-octanol/water)</b>	Not available
<b>Auto-ignition Temperature:</b>	>300°C (572°F)
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Minimum Explosive Concentration:</b>	Not available
<b>KSt-value (bar x m/s):</b>	Not available
<b>VOC:</b>	Not available

## SECTION 10 - STABILITY & REACTIVITY

**Reactivity:** Product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability:** Stable under use and storage conditions recommended in Section 7.



**Possibility of hazardous reactions:** No hazardous reactions known under normal handling conditions.

**Conditions to avoid:** Heat, flames, sparks and other sources of ignition. Temperatures exceeding the decomposition temperature. Avoid contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Combustion produces toxic gases, including carbon monoxide, sulfur oxides, carbon dioxide as well as smoke.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

<b>Eye contact:</b>	Direct contact with eyes may cause temporary irritation.
<b>Inhalation:</b>	No adverse effects due to inhalation are expected.
<b>Skin contact:</b>	No adverse effects due to skin contact are expected.
<b>Ingestion:</b>	Expected to be a low ingestion hazard.

### Symptoms related to the physical, chemical and toxicological characteristics:

Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

<b>Acute Toxicity:</b>	Product specific toxicological data is not known.
<b>Skin Corrosion/Irritation:</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious Eye Damage/Irritation:</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or Skin Sensitization:</b>	Not a respiratory sensitizer. This product is not expected to cause skin sensitization.
<b>Germ cell Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity:</b>	Not classifiable as to carcinogenicity to humans. Not listed by IARC or NTP or OSHA.
<b>Reproductive toxicity:</b>	This product is not expected to cause reproductive or developmental effects.



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<b>Specific target organ toxicity-single exposure:</b>	Not classified
<b>Specific target organ toxicity-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not an aspiration hazard.

#### SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	This product is not classified as environmentally hazard. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Other adverse effects:</b>	No data available

#### SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose of sealed containers via a licensed waste disposal site and in accordance with all applicable federal, state and local regulations.

**Disposal of Contaminated Packaging:** Dispose of contents and container in accordance with federal, state and local regulations. Empty containers or liners may retain product residue and material and container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for proper disposal.

#### SECTION 14 - TRANSPORTATION INFORMATION

<b>U.S. DOT Classification:</b>	Not DOT regulated.
<b>IMDG (Transport by Sea):</b>	Not regulated as dangerous good.
<b>IATA (Transport by Air):</b>	Not regulated as dangerous good.

#### SECTION 15 - REGULATORY INFORMATION

**U.S. Federal:**



**HARWICK**  
S T A N D A R D

*Safety Data Sheet*  
*STAN-FACT™ 2SR LIGHT BROWN FACTICE SCREENED*

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**EPA TSCA Status:**

All components of this product are listed as Active or exempt from listing on the TSCA Inventory.

**SARA Section 311/312 Hazard Classes:** None.

This material is not classified as hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200.

**SARA Section 313-Toxic Chemicals**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372: None, not regulated.

**California Proposition 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**SECTION 16 - OTHER INFORMATION**

**Issue date:** 06-11-2024

**Version #:** 01

**Revision Information:** US GHS Format

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