



# MATERIAL SAFETY DATA SHEET

Print date: 30-Aug-2006

Revision Number: 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** SH<sup>®</sup>-100  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA:
1-Decene, Homopolymer, hydrogenated	68037-01-4	None	None
Dodecene, Homopolymer hydrogenated	151006-63-2	None	None
1-Dodecene trimer, hydrogenated	151006-62-1	None	None

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** None.  
**Skin contact:** Substance does not generally irritate and is only mildly irritating to the skin.  
**Eye contact:** Avoid contact with eyes. May cause slight irritation.  
**Inhalation:** May cause irritation of respiratory tract.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** Consult a physician  
**Skin contact:** Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water.

<b>Inhalation:</b>	If breathing is difficult, give oxygen. Consult a physician. Move to fresh air.
<b>Eye contact:</b>	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
<b>Ingestion:</b>	Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

<b>Specific hazards:</b>	Burning produces irritant fumes
<b>Unusual hazards:</b>	No hazards to be especially mentioned
<b>Specific methods:</b>	In the event of fire, cool tanks with water spray

<b>Flash point:</b>	>450 (°F)
<b>Method:</b>	Cleveland Open Cup
<b>Autoignition temperature:</b>	760 (°F).

**Flammability Limits in Air:**

<b>Lower</b>	No information available
<b>Upper</b>	No information available

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Contaminated surfaces will be extremely slippery. Wear personal protective equipment.
<b>Environmental precautions:</b>	Should not be released into the environment.
<b>Methods for cleaning up:</b>	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

<b>Technical measures/precautions:</b>	No special technical protective measures required.
<b>Safe handling advice:</b>	Always replace cap after use. Handle in accordance with good industrial hygiene and safety practice.

**Storage**

<b>Technical measures/storage conditions:</b>	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
<b>Incompatible products:</b>	No special restrictions on storage with other products

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:** In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Impervious gloves.

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses

**Hygiene measures:** Avoid contact with skin, eyes and clothing.. Wash off with soap and water..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	>600 (°F)
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	<0.10 mm Hg @ 20°C	<b>Solubility:</b>	Insoluble

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Polymerization:</b>	Hazardous polymerisation does not occur.
<b>Hazardous decomposition products:</b>	Smoke Carbon oxides
<b>Materials to avoid:</b>	Strong oxidising agents.
<b>Conditions to avoid:</b>	Stable at normal conditions

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** No information available.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**

**Proper shipping name:** Not Regulated

**TDG (Canada)**

**Proper shipping name:** Not Regulated

**IMO / IMDG**

Proper shipping name: Not Regulated

**ICAO**

Proper shipping name: Not Regulated

**IATA**

Proper shipping name: Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**PICCS:** This product does not comply with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

**ENCS:** This product does not comply with JPENCS

**CHINA:** This product complies with china:

**AICS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**KECL:** This product does not comply with korea:

**EINECS/ELINCS** This product complies with EINECS/ELINCS

**U.S. Regulations:**

Sara (311, 312) hazard class:

**Canada**

**WHMIS hazard class:**

Non-controlled

**16. OTHER INFORMATION**

**NFPA** Health: 1 Flammability: 1 Instability: 0

**HMIS** Health: 1 Flammability: 1 Physical Hazard: 0

NFPA symbol:



Reason for revision:

Not applicable

Prepared by:

Health & Safety

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