



## MATERIAL SAFETY DATA SHEET

Print date: 30-May-2008

Revision Number: 1

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

**Product name:** BARRIER FLUID 5  
**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 (TWA mg/m <sup>3</sup> ):
1-Decene, Dimer, hydrogenated	68649-11-6	None	None

### 3. HAZARDS IDENTIFICATION

**Properties affecting health:** Harmful if swallowed  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause eye/skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** Avoid breathing vapors or mists.  
**Ingestion:** Risk of product entering the lungs on vomiting after ingestion

### 4. FIRST AID MEASURES

**General advice:** If symptoms persist, call a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.  
**Inhalation:** Move to fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary.  
**Eye contact:** Flush eye with water for 15 minutes. Call a physician immediately.

**Ingestion:** Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting.

## 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:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific hazards:**

No information available.

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Standard procedure for chemical fires.

**Flash point:**

> 450 (°F)

**Method:**

Cleveland Open Cup

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

**Environmental precautions:**

Should not be released into the environment. Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

**Safe handling advice:**

Use only in area provided with appropriate exhaust ventilation  
Spilling onto the container's outside will make container slippery. Handle in accordance with good industrial hygiene and safety practice.

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.  
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:**

Nitrile rubber.

**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.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Amber	<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 under recommended storage conditions.
<b>Polymerization:</b>	Hazardous polymerisation does not occur.
<b>Hazardous decomposition products:</b>	Carbon oxides
<b>Materials to avoid:</b>	Oxidising agents (strong).
<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 Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable

**IMO / IMDG**

## 14. TRANSPORT INFORMATION

**Proper shipping name:** Not Applicable

### ICAO

**Proper shipping name:** Not Applicable

### IATA

**Proper shipping name:** Not Applicable

## 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:**

Not determined

## 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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