

# MATERIAL SAFETY DATA SHEET

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Revision Number: 0

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

**Product name:** SYNBLEND REFRIGERATION ISO 68 (FS-902)  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Frontier Performance Lubricants  
P.O. Box 1777  
Lodi, CA 95241  
Phone: (800) 807-4496  
Fax: (209) 334-6408

**Emergency telephone number: (PERS) 1-800-633-8253**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** None.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

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

**Ingestion:** Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. 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>	Keep product and empty container away from heat and sources of ignition
<b>Unusual hazards:</b>	No hazards resulting from the material as supplied
<b>Specific methods:</b>	Water mist may be used to cool closed containers.

<b>Flash point:</b>	> 430 (°F)
<b>Method:</b>	Cleveland Open Cup
<b>Autoignition temperature:</b>	No information available

**Flammability Limits in Air:**

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

**Environmental precautions:** 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**

<b>Technical measures/precautions:</b>	No special technical protective measures required.
<b>Safe handling advice:</b>	Spilling onto the container's outside will make container slippery. Avoid contact with skin and eyes. Always replace cap after use.

**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**

<b>Respiratory protection:</b>	In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Hand protection:</b>	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>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	0.82 - 0.85	<b>Boiling point/range</b>	>650 (°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>	None under normal processing.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<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:** Not determined.

**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**

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 complies 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:**AI CS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).**KECL:** This product complies 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 &amp; Safety

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