

MATERIAL SAFETY DATA SHEET

Print date: 18-Nov-2008

Revision Number: 0

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

Product name: SYNBLEND REFRIGERATION ISO 46 (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 (CO₂), 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.

Specific hazards:	Keep product and empty container away from heat and sources of ignition
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	Water mist may be used to cool closed containers.

Flash point:	> 430 (°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. 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

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

Storage

Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products:	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

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild Hydrocarbon-like
Specific gravity:	0.82 - 0.85	Boiling point/range	>650 (°F)
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	< 0.10 mm Hg @ 20 °C	Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	None under normal processing.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours.
Materials to avoid:	Oxidising agents (strong).
Conditions to avoid:	Stable at normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
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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 & Safety

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