

# Duratherm SHC Compressor Fluid

## MATERIAL SAFETY DATA SHEET

Emergency Phone Number: 800-446-4910

Date : April 1, 2007

### SECTION 1

Company Name:  
Address:  
Phone / Fax:  
Trade Name:  
Chemical Name:  
Chemical Family:  
Formula:  
CAS#:  
Applications:

### COMPANY IDENTIFICATION AND CHEMICAL PRODUCT

Frontier Resource and Recovery Services, Inc.  
P.O. Box 563, Lewiston, NY 14092  
800-446-4910 / 905-984-6684  
Dura SHC Compressor Fluid  
Synthetic Petroleum Hydrocarbon  
Synthetic Petroleum Hydrocarbon  
Proprietary  
Proprietary  
Dura SHC Compressor Fluid is used as Air Compressor Lubricants for industrial plant compressors.

### SECTION 2

General:  
FDA Statement:

### COMPOSITION / INFORMATION ON INGREDIENTS

This Product is Non-Hazardous. This product contains No Known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.  
N/A

### SECTION 3

Appearance:  
Known Hazards:

### HAZARDS IDENTIFICATION

Clear liquid, Very Slight Yellow tint  
This product does not require any special warning labels under OSHA 29 CFR 1910.1200, and contains no known hazardous ingredients.

### SECTION 4

Eyes:  
Skin:  
Inhalation:  
Ingestion:

### FIRST AID MEASURES

Flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Physician assessment if eyes are inflamed.  
Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse.  
Avoid breathing oil mists. Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.  
Do not induce vomiting. Force fluid. Has laxative effect.

### SECTION 5

Flash Point:  
Flammable Limits:  
Auto Ignition Temp:  
Fire & Explosion Hazards:  
Extinguishing Media:  
Fire Fighting Procedures:

### FIRE FIGHTING MEASURES

440 °F  
N/A  
N/A  
LOW FIRE HAZARD - Do not cut, drill, or weld empty containers  
Dry chemical foam, water spray, carbon dioxide for small fires  
Contain liquid, cover with extinguishing agent, use water spray to cool fire exposed containers & as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

### SECTION 6

Spill or Leak:  
Waste Disposal:

### ACCIDENTAL RELEASE MEASURES

Contain spill, absorb with inert absorbant such as dry clay, sand, or diatomaceous earth, commercial absorbants, or recover using pumps. Scoop up used absorbants into appropriate receptacles.  
Dispose in approved, secure landfill site or through a licensed waste reclaimer.

**SECTION 7****HANDLING AND STORAGE**

Storage Temp - min / max: None / 104 °F recommended  
 Shelf Life: Indefinite in original container  
 Precautions: Not for internal use. Avoid contact with skin, eyes, and clothing.

**SECTION 8****EXPOSURE CONTROL / PERSONAL PROTECTION**

Eye Protection: Normally none required, chemical goggles if splashing is likely or high pressure systems are used.  
 Skin Protection: Normally none required, for direct contact of more than 2 hours, PVC, Viton, or Nitrile gloves are recommended.  
 Respiratory Protection: Normally not necessary. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.  
 Ventilation: General ventilation.  
 Exposure Limits: Acute LD<sub>50</sub> > 5000 mg/Kg (rat, oral) Practically non-toxic

**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear liquid, Very Slight Yellow tint.  
 Boiling Point: >570 °F  
 Vapor Pressure: <0.001 kPa @ 25 °C  
 Specific Gravity: 0.85 - 0.88  
 Volatilities, % Volume: 0%  
 Odor: Very Slight Hydrocarbon odor  
 Solubility in Water: Negligible  
 Evaporation Rate: Nil  
 Viscosity: @40 °C Varies Depending on grade

**SECTION 10****REACTIVITY**

Stability: Product is stable  
 Hazardous Polymerization: Will not occur  
 Incompatibilities: Strong oxidizers  
 Decomposition Products: Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments.

**SECTION 11****TOXICOLOGICAL INFORMATION**

General: Acute LD<sub>50</sub> > 5000 mg/Kg (rat, oral) Negative when tested by modified Ames Test for Carcinogenicity

**SECTION 12****ECOLOGICAL INFORMATION**

General: N/A

**SECTION 13****DISPOSAL CONSIDERATIONS**

Waste Disposal: Used product must be disposed of in accordance with Federal, State, and Local environmental control regulations. Incineration is preferred.  
**DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.**

**SECTION 14****TRANSPORTATION INFORMATION**

Technical Name: Synthetic Petroleum Hydrocarbon  
 D.O.T. Hazard Class: Not Regulated  
 U.N. / N.A. #: Not Regulated  
 Product Label: Dura SHC Compressor Fluid

**SECTION 15****REGULATORY INFORMATION**

OSHA STATUS: Not hazardous under 29 CFR 1910.1200.  
 TSCA STATUS: N/A  
 RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, it is the responsibility of the product user to determine at the time of disposal, whether the material being disposed of is a hazardous waste. (40 CFR 261.20-24)

**HMIS(U.S.A.)**

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	B

**NFPA (U.S.A.)**

Health



Rating

- 0 Insignificant
- 1 Slight
- 2 Moderate
- 3 High
- 4 Extreme

**SECTION 16****OTHER INFORMATION**

General: This information is furnished without warranty expressed or implied, except that it is accurate to the best knowledge of Frontier Resource and Recovery Services, Inc.. The data on this sheet related only to the specific material designed herein. Frontier Resource and Recovery Services, Inc. assumes no legal responsibility for the use or reliance upon these data.