



# MATERIAL SAFETY DATA SHEET

## **FOODSAFE SYNFRIG FG SERIES**

### SYNTHETIC FOOD GRADE REFRIGERATION LUBRICANTS

SYNFRIG Lubricants are suitable for applications in which incidental contact with the product may occur and comply with both USDA H-1 and Title 21 CFR Section 178.350 FDA requirements.

#### **I. PRODUCT IDENTIFICATION**

Trade Name:	SYNFRIG FG-32, SYNFRIG FG-68, SYNFRIG FG-100
Chief Constituent:	Synthetic Hydrocarbon
Hazardous Ingredients/OSHA:	None
Ingredients/OSHA/NTP/IARC:	None
Ingredients Regulated by SARA Title 3, Section 313:	None
Shipping Information:	NOT-RESTRICTED – CLASS 65 NON-HAZARDOUS
Date Prepared:	01/04/02; Updated Review: 09/04/06

#### **II. WARNING STATEMENTS**

None

#### **III. PHYSICAL AND CHEMICAL DATA**

Appearance and Odor:	Bright & Clear, Mild Odor
Specific Gravity:	0.82 - 0.85
Boiling Point:	> 650°F
Vapor Pressure:	< 0.10 mm Hg @ 20°C

#### **IV. FIRE PROTECTION**

Flash Point:	> 430°F
Extinguishing Media:	Water fog, dry chemical, foam, and CO <sub>2</sub>
Special Firefighting Procedure:	Wear self-contained breathing apparatus.
Unusual Fire Hazard:	Pressure in enclosed containers increases with exposure to heat. Cool with water.

#### **V. REACTIVITY DATA**

Thermal Stability:	Stable
Materials to Avoid:	Strong oxidizers
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Carbon Monoxide

#### **VI. HEALTH HAZARD DATA**

Exposure Limits:	Not applicable
Effects of Overexposure:	Overexposure not expected to be a problem.

#### **VII. PHYSIOLOGICAL EFFECTS SUMMARY**

<b>ACUTE:</b>	
Eyes:	Believed to be minimally irritating
Skin:	Believed to be minimally irritating
Respiratory System:	Believed to be minimally irritating
<b>CHRONIC:</b>	Not determined
<b>OTHER:</b>	Not applicable

### VIII. PRECAUTIONS FOR SAFE HANDLING

For general personal hygiene, wash hands thoroughly after handling material. Avoid contact with skin and eyes.

### IX. PROTECTION AND CONTROL MEASURES

Protective Equipment: Impermeable gloves, splash goggles, eye wash and safety shower.  
Respiratory Protection: If overheated, use approved respiratory protective equipment.  
Ventilation: Local exhaust and mechanical recommended.

### X. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush eyes with water for 15 minutes. Call a physician if irritation develops.  
Skin Contact: Wash with soap and water.  
Inhalation: Remove to fresh air. Give artificial respiration or oxygen if necessary.  
Ingestion: First aid not normally required. If uncomfortable, call physician.

### XI. NOTES

	HAZARD RATING INFORMATION			
	NPCA/HMIS	NFPA	KEY	
Health	1	1	4 = Severe	1 = Slight
Flammability	1	1	3 = Serious	0 = Minimal
Reactivity	0	0	2 = Moderate	

### XII. SPILL AND DISPOSAL PROCEDURES

Environmental Impact: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard Toll Free Number (800) 424-8802. In case of accident or road spill, notify Chemtrec (800) 424-9300.

Procedures if Material is Released or Spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Waste Management: Dispose of according to Local, State and Federal regulations.

Toxic Substance Inventory Control Act: All components are included on the TSCA Inventory and are in compliance with the TSCA.

### FOR ADDITIONAL INFORMATION CONTACT:

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