

# 1. Chemical Product and Company Identification

Chemical Name: Superflake(TM) Cold Oven Chain Lubricant Manufacturer: Superior Graphite Address: 10 S. Riverside Plaza Chicago IL 60606 Information Number: (312) 559-2999

## 2. Composition/Information on Ingredients

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Other Limits	%
Graphite, Natural (as respirable dust)	7782-42-5	2.5 mg/m3	2.0 mg/m3	None	<25
Silica, Crystalline Quartz (as respirable dust)	14808-60-7	0.1 mg/m3	0.025 mg/m3	None	N/D
Aliphatic Hydrocarbons	64742-47-8	None		PEL recommended 100 ppm TWA	>75

Notes:

Tests performed on Natural Graphite have shown respirable quartz dust levels ranging from 0% to 5%.

#### **3. Hazards Identification**

Route (s) of Entry:	Inhalation	Skin	Ingestion
	Yes	Yes	Yes

Health Hazards (acute and chronic): May irritate eyes or skin. During the use of this product, it may release small amounts of formaldehyde.

Carcinogenicity:	NTP	IARC Monographs	<b>OSHA</b> Regulated
	Yes	Yes	No

Notes:

Natural graphite can contain Silica as quartz; IARC monographs indicate human evidence sufficient, animal evidence sufficient.

Signs and Symptoms of Exposure: Irritation of eyes, skin or respiratory tract.

Medical Conditions Generally Aggravated by Exposure: Respiratory tract irritation.

## 4. First Aid Measures

Eyes:Flush thoroughly with water for 15 minutes. Get medical attention. Skin:Wash exposed skin with soap and water. If irritation persists get medical attention. Launder severely contaminated clothing before reuse. Ingestion:Do not induce vomiting. Get medical attention. Inhalation:Remove to fresh air area. If breathing becomes difficult, get medical attention.

# **5. Fire Fighting Measures**

Flash Point: (method) TCC	Flammable Limits:	LEL:	UEL:
148 F		0.7	7.0

Extinguishing Media: Foam, carbon dioxide, or dry chemical.

Special Fire Fighting Procedures: Combustible liquid. Use a NIOSH approved self-contained breathing apparatus to fight a fire involving this material. Water may be unsuitable as a extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling. Fight as oil fire.

Unusual Fire and Explosion Hazards: Combustible liquid. If heated above its flash point (140 F), this material may emit vapors which can ignite or explode if a source of ignition is present.

NFPA Hazard Rating:

Health	Flammability	Reactivity
2	2	0
NFPA Notes:		

## 6. Accidental Release Measures

Spill/Leak Procedures: Small amounts of spilled material may be wiped up with an appropriate absorbent. This should be stored in a covered container for disposal. Larger amounts should be collected for reuse or disposal.

Dispose of in accordance with local, state and federal regulaitons.

## 7. Handling and Storage

Handling and Storage Precautions: Keep product containers cool, dry and away from sources of ignition. Keep containers tightly closed when not in use. Avoid breathing vapors. Handle carefully to avoid spills. Work/Hygienic Practices: Wash exposed skin with soap and water after handling this product.

## 8. Exposure Controls/Personal Protection

Respiratory Protection (specify type): Use NIOSH/MSHA approved mask for chemical products if ACGIH, OSHA and/or TWA limits will be exceeded.

Local Exhaust	Mechanical (general)	Special	Other
Not Required	Recommended	None	None

Eye/Face Protection: Safety glasses, goggles or face shield. Eye wash station should be available. Skin Protection: Use Rubber, Nitrile (NBR), Butyl or Polyethylene gloves. Safety shower should be available.

## 9. Physical/Chemical Characteristics

Physical State:Liquid Appearance:Gray/Black Odor:Hydrocarbon Specific Gravity (H2O=1):0.913 Boiling Point:379 - 412 F Melting Point:N/A Vapor Pressure (mm Hg):0.36 @ 20C Vapor Density (air=1):6.3 Water Solubility:Negligible

Evaporation Rate:Negligible (Butyl Acetate = 1)

## **10. Stability and Reactivity**

Stability: Material is stable. Incompatibility (materials to avoid): Strong oxidizing agents, acids and alkalis. Hazardous Decomposition Products: On burning, may release carbon dioxide and carbon monoxide. Hazardous Polymerization: Will not occur.

#### **11. Transportation Information**

Not regulated.

## **12. Other Information**

Disclaimer: The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

All components of this product are on the TSCA inventory.

Unk. = Unknown N/A = Not applicable Nav = Not available N/D = Not determined N/E = Not established Prop. = Proprietary

Warning. This product contains chemicals known to the State of California to cause cancer.

Prepared: Date 01/03/91 Revised: Date 02/16/2011