



1. Chemical Product and Company Identification

Chemical Name: Superflake(TM) Hot 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

Notes:

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

3. Hazards Identification

Route (s) of Entry:	Inhalation	Skin	Ingestion
	Yes (mist)	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	OSHA Regulated
	No	Yes	No

Notes:

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

Signs and Symptoms of Exposure: Irritation of eyes or skin.

Medical Conditions Generally Aggravated by Exposure: Material may aggravate some skin conditions.

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) N/A

Flammable Limits: LEL: UEL:

N/A

N/A

Extinguishing Media: Noncombustible

Special Fire Fighting Procedures: Use NIOSH approved self contained breathing apparatus in confined areas and downwind.

Unusual Fire and Explosion Hazards: None

NFPA Hazard Rating:

Health
1

Flammability
0

Reactivity
0

NFPA Notes:

6. Accidental Release Measures

Spill/Leak Procedures: Use rags to wipe up small spills. Collect larger spill for disposal.

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

7. Handling and Storage

Handling and Storage Precautions: Keep containers tightly closed when not in use. Store above freezing temperature.

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	Boiling Point:212 F
Appearance:Gray/Black	Melting Point:32 F
Odor:None	Vapor Pressure (mm Hg):Of Water
Specific Gravity (H2O=1):1.03	Vapor Density (air=1):Of Water
Water Solubility:Miscible	Evaporation Rate:Of Water (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 01/10/91

Revised: Date 02/16/2011