

Opti-Lube
Calcium Based #5 Hard Grease
Ideal for use as a release agent in concrete applications
to fill large voids without displacement.

Features:

- **Insoluble in water**
- **Environmentally Friendly**
- **Non-staining**
- **Long storage life**

Typical Properties	ASTM Test Method	Specifications
Soap Type	D128	Calcium Stearate
Appearance	Visual	Medium Amber
Texture	Visual	Smooth, Buttery
Mineral Oil Viscosity	D445 SUS @ 40° C	275-325
Penetration @ 77° F, worked 60 strokes	D217	130-160
Dropping Point, F°	D566	190 minimum
Thickener Content, %	D128	25-30
Melting Point, F°		200
NLGI Grade		5

Opti-Lube
 A division of OutWest Ventures
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 (505) 326-1234
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www.centurionlubes.com



Made in USA

Opti-Lube
MATERIAL SAFETY DATA SHEET

Emergency Phone Number: (208) 238-3340
Information Phone Number: (208) 238-3340

I. MATERIAL IDENTIFICATION

PRODUCT NAME: Opti-Lube #5 Hard Grease
COMPANY: Opti-Lube
ADDRESS: 1331 E. Elm St. Pocatello, ID 83201

Preparation Date: January 27, 2003

II. INGREDIENTS

MATERIALS OR COMPONENTS	%	CAS No.	Carcinogen OSHA or IARC
Calcium Stearate	26-30	1592-23-0	No
Water	1.2	7732-18-5	No
Mineral Oil	67-71	64742-52-5	No

III. PHYSICAL PROPERTIES

APPEARANCE & ODOR: Semi-Fluid-Bland
BOILING POINT 'F: 700
MELTING POINT 'F: 200
SPECIFIC GRAVITY (H2O=1): .90 @ 16° C
% VOLATILES BY VOLUME: 3.0
SOLUBILITY IN H2O: Nil

IV. FIRE AND EXPLOSION HAZARDS

FLASHPOINT: 380° F AUTO IGNITION: 420° F
EXTINGUISHING MEDIA: Water Fog, CO₂, Dry Chemical, Foam, Earth or Sand
SPECIAL FIRE FIGHTING PROCEDURES: Water may cause frothing
UNUSUAL FIRE & EXPLOSION HAZARDS: None

V. REACTIVITY DATA

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Open Flames
INCOMPATIBILITIES: Strong oxidizing agents

VI. HEALTH HAZARD SUMMARY

ROUTES OF EXPOSURE AND EFFECTS OF OVEREXPOSURE

SKIN ABSORPTION: No acute effects expected.

INGESTION: Do not ingest.

THRESHOLD LIMIT VALUE: Not established for this product.

CONTAINS KNOWN CARCINOGENS: No NTP: No IARC: No OSHA: No

EMERGENCY AND FIRST AID PROCEDURES:

EYES: In case of contact, flush eyes with plenty of water for at least 15 minutes.
Get medical attention if irritation occurs.

SKIN: Wash skin with soap and water. If irritation occurs, get medical attention.
Wash clothing before reuse.

INHALATION: If respiratory discomfort or irritation occurs, move the person to fresh air.
See a doctor if discomfort or irritation continues.

INGESTION: If swallowed, call a physician immediately.
Only induce vomiting at the instructions of a physician.
Never give anything by mouth to an unconscious person.

VII. PRECAUTIONS

WASTE DISPOSAL PROCEDURES:

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

DISCLAIMER

While Opti-Lube believes that the data contained herein are factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which Opti-Lube assumes legal responsibility. It is offered solely for your consideration, investigation and verification. It is the users' responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary.