

METAL LUBRICANTS CO;FORMERLY INDUSTRIAL COLLOIDS -- GRAFO MIL-L-3572,GRADE A --
9150-00-235-5581

===== Product Identification =====

Product ID:GRAFO MIL-L-3572,GRADE A

MSDS Date:02/23/1993

FSC:9150

NIIN:00-235-5581

MSDS Number: BVFKN

=== Responsible Party ===

Company Name:METAL LUBRICANTS CO;FORMERLY INDUSTRIAL COLLOIDS

Address:GRAFO COLLOIDS DIV. 105 EIGHTH STREET

City:EMLENTON

State:PA

ZIP:1637

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Country:US

Info Phone Num:412-867-5000

Emergency Phone Num:412-867-5000/800-255-3924

Preparer's Name:AHAND KAKAR

CAGE:4M367

=== Contractor Identification ===

Company Name:METAL LUBRICANTS CO GRAFO COLLOIDS DIV

Address:105 8TH

Box:City:EMLENTON

State:PA

ZIP:16373

Country:US

Phone:412-867-5000

CAGE:4M367

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

CAGE:0T5C6

===== Composition/Information on Ingredients =====

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Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 2.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9394

===== Hazards Identification =====

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
TRACT. ACUTE- PROLONG
ED OR REPEATED SKIN CONTACT MAY CAUSE MILD
IRRITATION. CONTACT WITH EYES MAY CAUSE IRRITATION. MISTS OR FUMES
FROM EXCESSIVE HEATING MAY CAUSE RESPIRATORY TRACT IRRITATION.
ASPIRATION HAZARD IF INGESTED. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES, SKIN, RESPIRATORY TRACT IRRITATION
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures =====

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:REMOVE
CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. INHALED:REMOVE
TO FRESH AIR. ORAL:CALL A PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:315F,157C
Lower Limits:1
Upper Limits:6
Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, FOAM/DRY CHE

MICAL.

DO NOT USE A DIRECT STREAM OF WATER. PRODUCT MAY FLOAT & REIGNITE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:DENSE SMOKE MEY BE GENERATED. WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTERS. CONTAINER MAY BURST.

===== Accidental Release Measures ==
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Spill Release Procedures:CONTAIN SPILL. DO NOT ALLOW MATERIAL TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER MATERIAL IF POSSIBLE. ABSORB SPILL WITH NON-FLAMMABLE ABSORBENT AND PLACE INTO PROPER CONTAINERS FOR DISPOSAL. WASH T HE SPILL AREA WITH SOAP AND WATER.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. CAUSES BLACK STAINS WHICH ARE DIFFICULT TO REMOVE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY REQUIRED. HOWEVER, IF OVERHEATED, USE A NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL

BELOW APPLICABLE STANDARD (LOCAL EXHAUST).

Protective Gloves:NITRILES TO AVOID PROLONGED SKIN CONTACT

Eye Protection:SAFETY GOGGLES IF SPLASHING LIKELY

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

===== Physical/Chemical Propertie

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HCC:T6

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:0.01 @ 68F

Vapor Density:11

Spec Gravity:0.91

Evaporation Rate & Reference:0.01 (N-BUTYL ACETATE=1)

Solubility in Water:IMMISCIBLE

Appearance and Odor:BLACK LIQUID - PETROLEUM OIL ODOR

Percent Volatiles by Volume:NEGL.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (OXYGEN, CHLORINE)

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN

FLAME

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON
DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE WITH ALL
APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.
INCINERATION IS RECOMMENDED.

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