

AMALIE REFINING CO -- MULTI-PURPOSE GEAR LUBRICANT, ALL SAE GRADES -- 9150-01-035-5393

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

Product ID: MULTI-PURPOSE GEAR LUBRICANT, ALL SAE GRADES

MSDS Date: 04/12/1990

FSC: 9150

NIIN: 01-035-5393

MSDS Number: BXJWF

=== Responsible Party ===

Company Name: AMALIE REFINING CO

Address: 77 N KENDALL AVE

City: BRADFORD

State: PA

ZIP: 16701

Country: US

Info Phone Num: 814-368-6111

Emergency Phone Num: 800-424-9300 (CHEMTREC)

Preparer's Name: ROBER

T KELLAM

CAGE: FO746

=== Contractor Identification ===

Company Name: AMALIE REFINING COMPANY

Address: 77 N. KENDALL AVENUE

City: BRADFORD

State: PA

ZIP: 16701

Phone: (814) 368-6111

CAGE: FO746

Company Name: WITCO CHEMICAL CORP, KENDALL REFINING CO. DIVISION

Address: 77 N KENDALL AVENUE

Box: 2000

City: BRADFORD

State: PA

ZIP: 16701-1726

Country: US

Phone: 814-368-6111

CAGE: 75273

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

Ingred Name: DEOBASE (DEODORIZED KEROSENE)

CAS: 8020-83-5

RTECS #: H

F9500000  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ADDITIVES  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PROLONGED OR REPEATED SKIN CONTACT MAY  
CAUSE DERMATITIS (SKIN IRRITATION).  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES:IMMEDIATELY FLUSH WITH LG QTYS OF WATER FOR @ LEAST 15  
MINUTES & CALL PHYS. SKIN:REMOVE EXCESS WITH CLOTH OR PAPER. WASH  
THOROUGHLY WITH SOAP & WATER. INHAL:REMOVE VICTIM TO FRESH AIR.  
CALL PHYS. INGEST:CONT PHYS IMMEDIATELY.

===== Fire Fighting Measures =====  
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Flash Point Method:COC  
Flash Point:350F,177C  
Extinguishing Media:DRY CHEMICAL OR WATER FOG OR CO\*2 OR FOAM. CLOSED  
CNTNRS EXPOSED TO FIRE MAY BE COOLED WITH WATER.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT . DO NOT USE WATER EXCEPT AS FOG.  
Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:TRANSFER BULK OF MIXTURE INTO ANOTHER  
CONTAINER. ABSORB RESIDUE

WITH AN INERT MATERIAL SUCH AS EARTH,  
SAND, OR VERMICULITE. SWEEP UP AND DISPOSE AS SOLID WASTE IN  
ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT HANDLE OR STORE AT TEMPERATURES  
OVER 38C (100F).  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH DUAL ORGANIC  
VAPOR/MIST & PARTICULATES CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS  
PERMISSIBLE EXPOSURE LIMIT.  
Ventilation:LOCAL IF NECESSARY TO MAINTAIN ALLOWABLE PEL OR TLV.  
Protective Gloves:NEOPRENE TYPE GLOVES.  
Eye Protection:ANSI APPROVED CHEM WORKER GOGGLES .  
Other Protective Equipment:NONE.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
SPEC GRAV:0.87-0.91 (WATER =1).

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:>625F,>329C  
Vapor Pres:0 @ 20C  
Vapor Density:NOT VOLAT  
Spec Gravity:SUPP DATA  
Evaporation Rate & Reference:0  
Solubility in Water:NOT KNOWN  
Appearance and Odor:GREEN TO BROWN LIQUID, PUNGENT, SULFUR TYPE ODOR  
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE, BROMINE, AND CHROMIC ACID.  
Stability

lity Condition to Avoid:STABLE UNDER NORMAL CONDITIONS.

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE FROM  
BURNING. OXIDES OF PHOSPHOROUS FROM BURNING. OXIDES OF SULFUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

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