

BATTENFELD AMERICA INC -- MIL-G-23549,LUBRICATING GREASE, CODE:10867 --
9150-00-235-5555

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

Product ID:MIL-G-23549,LUBRICATING GREASE, CODE:10867

MSDS Date:03/13/1991

FSC:9150

NIIN:00-235-5555

MSDS Number: BJXJM

=== Responsible Party ===

Company Name:BATTENFELD AMERICA INC

Address:1575 CLINTON ST

City:BUFFALO

State:NY

ZIP:14200

Country:US

Info Phone Num:716-822-841

0

Emergency Phone Num:716-822-8410

CAGE:61808

=== Contractor Identification ===

Company Name:BATTENFELD AMERICA INC

Address:1575 CLINTON ST

Box:City:BUFFALO

State:NY

ZIP:14206

Country:US

Phone:716-822-8410

CAGE:61808

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

Ingred Name:MINERAL OIL

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 24.9%

Other REC Limits:NONE SPECIFIED

Ingred Name:SOLVENT,DEWAXED RESIDUAL OIL (PETROLEUM)

CAS:64742-62-7

Fraction by Wt: 50.6%

Other REC

Limits:NONE SPECIFIED

Ingred Name:CALCIUM SULFONATE

CAS:68783-96-0

Fraction by Wt: 4.0%

Other REC Limits:NONE SPECIFIED

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 5.0%

Other REC Limits:NONE SPECIFIED

Ingred Name:ZINC DITHIOPHOSPHATE

CAS:19210-06-1

RTECS #:TE4800000

Fraction by Wt: 3.0%

Other REC Limits:NONE SPECIFIED

Ingred Name:4-HYDROXY-3,5-DI-TERT-BUTYLPHENYLPROPIONIC ACID
THIOGLYCOLATE; AS AN OXIDANT COMPONENT

CAS:41484-35-9

RTECS #:DA8342500

Fra

ction by Wt: 0.5%

Other REC Limits:NONE SPECIFIED

Ingred Name:UREA - DITALLOW ALKYL DERIVATIVE

CAS:67774-69-0

Fraction by Wt: 12.0%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: UNDER HIGH TEMPERATURE

CONDITIONS,VAPORS MAY IRRITATE NOSE AN

D THROAT. EYES:MAY CAUSE MILD

IRRITATION ON CONTACT. SKIN:COMPONENTS ARE UNLIKELY TO BE ABSORBED
THROUGH SKIN.PROLONGED/REPEATED CON TACT MAY CAUSE DERMATITIS,
FOLLICULITISOR OIL ACNE. INGESTION:NO SPECIFIC INFORMATION.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION:NOT EXPECTED ROUTE OF ENTRY.UNDER
HIGH TEMPERATURE CONDITIONS,VAPORS MAY IRRITATE NOSE AND THROAT.
EYES

:MAY CAUSE MILD IRRITATION ON CONTACT. SKIN:COMPONENTS ARE UNLIKELY TO BE ABSORBED THROUGH SKIN.PROLONGED/REPEATED CONTACT MAY CAUSE DERMATITIS, FOLLICULITIS OR OIL ACNE. INGESTION:NO SPECIFIC INFORMATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. EYE: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP & WATER/WATERLESS CLEANER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS REQUIRED. GET MEDICAL ADVICE.

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

Flash Point Method:COC

Flash Point:462F,239C

Autoignition Temp:Autoignition Temp Text:50 OF

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SCOOP UP EXCESS GR EASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRER

CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF
CONTAMINATED LEATHER ARTICLES (SHOES) THAT CAN NOT BE
DECONTAMINATED.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS
PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS. RESPIRATORY
PROTECTION NOT ORDINARILY R EQUURED.

Ventilation:NONE REQUIRED

Protective Gloves:NEOPR
ENE RUBBER AS REQUIRED.

Eye Protection:SAFETY GLASSES RECOMMENDED.

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 Properties =====

HCC:V6

Boiling Pt:B.P. Text:700F,371C

Melt/Freeze Pt:M.P/F.P Tex

t:500F,260C

Spec Gravity:0.89

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK GRAY GREASE - BLAND ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:A MIXTURE OF AIRBORNE SOLID, LIQUID
PARTICULATES & GASES SUCH AS OXIDES OF CARBON AND SULFUR WILL
EVOLVE UPON COMBUSTION

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY
IN COMPLIANCE WITH LOCAL REGULATIONS.

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