

BATTENFELD AMERICA INC -- MIL-L-21260 GRADE 50 LUBRICATING OIL -- 9150-00-111-0211

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

Product ID:MIL-L-21260 GRADE 50 LUBRICATING OIL

MSDS Date:11/01/1990

FSC:9150

NIIN:00-111-0211

MSDS Number: BJRKQ

=== Responsible Party ===

Company Name:BATTENFELD AMERICA INC

Address:1575 CLINTON ST

City:BUFFALO

State:NY

ZIP:14200

Country:US

Info Phone Num:716-822-8410

Emergency Phone Num:716-822-8410

Preparer's Name:THOMAS G. MUSILLI

CAGE:618

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=== 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

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

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY
PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 85.4%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ACRYLIC COPOLYMER

Fraction by Wt: 0.20%

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ther REC Limits:NONE SPECIFIED

Ingred Name:LUBRIZOL 4856A

Fraction by Wt: 12.2%

Other REC Limits:NONE SPECIFIED

Ingred Name:LUBRIZOL 1161A

Fraction by Wt: 2.2%

Other REC Limits:NONE SPECIFIED

Ingred Name:ZINC COMPOUNDS

Fraction by Wt: 2.9%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS ESTIMATED AT >5 G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IA

RC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES/SKIN: IRRITATION. AVOID BREATHING OF MIST. PROLONGED OVEREXPOSURE MAY RESULT IN DERMATITIS AND RESPIRATORY DIFFICULTIES. ANIMAL STUDIES ALSO SHOW AN EFFECT ON THE KIDNEYS FOR EXPOSURE TO MATERI ALS SIMILAR TO THIS. ABOVE TEMPERATURES OF 100F, ASPIRATION INTO THE LUNGS IS A HAZARD.

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

Effects of Overexposure:IR

RITATION OF EYES AND SKIN UPON CONTACT.

IRRITATION OF THE RESPIRATORY TRACT, HEADACHES, DIZZINESS, ANESTHETIC EFFECT AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DEATH IN RARE CASES.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL

ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION:

REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESU SCITATION AND ADMINISTER OXYGEN. GET MEDICAL HELP IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION AT ONCE. IN CASE OF SUBCUTANEOUS OR INTRAMUSCULAR INJECTION, SEEK HELP AT ONCE.

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

Flash Point Method:COC

Flash Point:440F,227C

Autoignition Temp:Autoignition Te

mp Text:470F

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL, EARTH OR SAND. WATER MAY CAUSE FROTHING

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

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

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

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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES OF IGNITION, AND VENTILATE AREA AS REQUIRED. RECOVER FREE LIQUID. ABSORB SMALL SPILL WITH INERT MATERIAL. PLACE WASTE IN DOT APPROVED CONTAINER FOR DISPOSAL. KEEP MATERIAL FROM WATERWAYS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:AVOID BREATHING OF MIST. MINIMIZE PERIODS OF EXPOSURE TO HIGH TEMPERATURE. AVOID WATER CONTAMINATION. KEEP CONTAINER CLOSED.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES OR OTHER OIL RESISTANT.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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USE AIR-SUPPLIED RESPIRATORY EQUIPMENT IF EXPOSED TO HOT FUMES. TREAT EMPTY CONTAINERS AS DANGEROUS; DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY. RESIDUE MAY BE DIFFICULT TO REMOVE.

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

HCC:V6
Boiling Pt:B.P. Text:700F,371C
Spec Gravity:0.89
Solubility in Water:NEGLIGIBLE
Appearance and Odor:OILY FLUID; BLAND
Percent Volatiles by Volume:0

===== 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:CARBON DIOXIDE,CARBON MONOXIDE, ALDEHYDES AND KETONES, AND OTHER COMBUSTION PRODUCTS.

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

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

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