

BATTENFIELD -- MIL-L-2105-80/90 LUBRICATING OIL GL-5 GEAR 80W90 -- 9150-01-035-5394

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

Product ID:MIL-L-2105-80/90 LUBRICATING OIL GL-5 GEAR 80W90

MSDS Date:06/01/1989

FSC:9150

NIIN:01-035-5394

MSDS Number: BWGZZ

=== Responsible Party ===

Company Name:BATTENFIELD

Address:1174 ERIE AVE

City:NORTH TONAWANDA

State:NY

ZIP:14120

Country:US

Info Phone Num:716-695-2100

Emergency Phone Num:716-695-2100

Preparer's Name:THOMAS G. MUSILLI

CAGE:60299

=== Contractor Identification ===

Company Name:BATTENFIELD

Address:1174 ERIE AVE

Box:City:NORTH TONAWANDA

State:NY

ZIP:14120

Country:US

Phone:716-695-2100

CAGE:60299

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

Ingred Name:MINERAL OIL

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 48%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL

CAS:64742-41-2

Fraction by Wt: 46%

Other REC Limits:NONE

## RECOMMENDED

Ingred Name:ANGLAMOL 6044

Fraction by Wt: 5.5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ACRYLIC COPOLYMER

Fraction by Wt: 0.5%

Other REC Limits:NONE RECOMMENDED

### ===== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:ACUTE: CONTACT MAY CAUSE MILD,  
TRANSIENT IRRITATION OF SKIN & EYES. CHRONIC: NONE SPECIFIED BY  
MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:DLA-HMIS: EYES: REDNESS, TEARING, DISCOMFORT.

SKIN: REDNESS, ITCHING, DISCOMFORT, DRYING/CRACKING OF SKIN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTED: DO NOT INDUCE VOMITING! GET MEDICAL ATTENTION.

EYES: FLUSH

WITH LOTS OF WATER FOR 15 MINUTES. GET MEDICAL

ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP &  
WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. INHALED: NONE  
SPECIFIED BY MFR. DLA-HMIS: REMOVE TO FRESH AIR. GET MEDICAL  
ATTENTION IF SYMPTOMS DEVELOP.

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

Flash Point Method:COC

Flash Point:380F,193C

Autoignition Temp:Autoignition Temp Text:420F

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY C

HEMICAL, FOAM,  
EARTH/SAND.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE  
CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING  
APPARATUS. WATER MAY CAUSE FROTHING.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:ABSORB WITH INERT MATERIAL. SWEEP OR SCOOP UP  
AND PLACE IN A CONTAINER FOR LATER DISPOSAL. DLA-HMIS: KEEP OUT OF  
SEWERS, SURFACE WATERS & DRAINS. NOTIFY NATI  
ONAL RESPONSE CENTER  
(USCG) AT 800-424-8802 IF ANY PRODUCT DOES ENTER THESE PLACES.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM  
STRONG OXIDIZING AGENTS AND OPEN FLAMES. DO NOT GET IN EYES OR ON  
SKIN OR CLOTHES.  
Other Precautions:NONE.

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

Respiratory Protection:NONE NORMALL  
Y REQUIRED.  
Ventilation:USE WITH ADEQUATE VENTILATION.  
Protective Gloves:PVC, NEOPRENE, POLYETHYLENE  
Eye Protection:FACESHIELD  
Other Protective Equipment:NONE. DLA-HMIS: EYE WASH STATION.  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.  
Supplemental Safety and Health

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

HCC:V6  
Boiling Pt:B.P. Text:700F,371C  
Melt/Freeze Pt:M.P/F.P Text:-25F,-32C  
S

pec Gravity:0.90  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:LIQUID; BLAND ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:OPEN FLAMES. DLA-HMIS: AVOID CONTACT WITH  
STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE IF  
INCOMPLETE COMBUSTION.

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

Waste D  
isposal Methods:INCINERATE. DLA-HMIS: DISPOSE OF IN ACCORDANCE  
WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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