

BATTENFELD AMERICA INC -- 60,515 DIESEL ENGINE OIL, MIL-L-9000G -- 9150-00-181-8097

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

Product ID:60,515 DIESEL ENGINE OIL, MIL-L-9000G

MSDS Date:11/01/1990

FSC:9150

NIIN:00-181-8097

MSDS Number: BDGPS

=== 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

Emerge

ncy Phone Num:716-822-8410

Preparer's Name:THOMAS MUSILLI

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

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

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: 61.7%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name

:RESIDUAL OILS, HYDROTREATED

CAS:64742-57-0

Fraction by Wt: 25.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:LUBRIZOL 1161 (LUBRIZOL CORP, WICKLIFFE, OH)

Fraction by Wt: 13.3%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OS

HA:NO

Health Hazards Acute and Chronic:MANUFACTURER STATES,"PRODUCT HAS BEEN USED FOR YEARS WITH NO KNOWN ILL EFFECTS. IT CONTAINS NO KNOWN CARCINOGENS OT MUTAGENS AS DEFINED BY OSHA OR IARC." PRODUCT IS VERY MILDLY IRRITATING TO BODY TI SSUES. MOST LIKELY HAZARD IS THAT OF BREATHING THE MIST OR VAPORS SHOULD THE PRODUCT BE HEATED OR MISTED.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects o

f Overexposure:EYE:MILD IRRITATION. SKIN:POSSIBLE MILD IRRITATION. INHALED:RESPIRATORY IRRITATION,POSSIBLE PULMONARY EDEMA IF MIST IS INHALED. INGESTED:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR.

RESTORE BREATHING IF

NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point Method:COC

Flash Point:400F,204C

Autoignition Temp:Autoignition Temp Text:450F

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

STREAM, MAY CAUSE FROTHING.

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:RECOVER AS LIQUID IF POSSIBLE. ADSORB REMAINDER ON EARTH,SAND,SAWD UST,ETC. KEEP OUT OF DRAINS, SEWERS, AND WATERWAYS. STORE IN CLOSED CONTAINERS PENDING DISPOSAL.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA.
Other Precautions:NONE

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR F OR OIL MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF NEEDED (OIL MIST).
Protective Gloves:NEOPRENE OR BUTYL RUBBER (OIL RESISTANT)
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES S
Other Protective Equipment:AS NEEDED TO PREVENT PROLONGED/REPEATED CONTACT.
Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. MINIMIZE PERSONAL CONTACT. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
MSDS RECEIVED FROM NAVY. NAVY IDENTIFIED NSN. ALSO DOD LABEL WAS SUPPLIED, THIS PROBABLY FILLED OUT BY NAVY.

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

HCC:V6
Boiling Pt:B.P. Text:700F,371C
Spec Gravity:0.88
pH:UNKNON
Viscosity:11.9-14.5 CS
Solubility in Water:NEGLIGIBLE
Appearance and Odor:FLUID OIL,BLAND ODOR
Corrosion Rate:N/KNOWN

===== 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

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.
MFR SUGGESTS RECYCLE OR IF THAT IS NOT PRACTICABLE TO INCINERATE.

Disclaimer (provided with this information by
the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.