

BATTENFELD GREASE AND OIL CORP OF NEW YORK INC. -- 01164, VV-G-671, GRADE 1, GRAPHITE GREASE -- 9150-00-190-0918

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

Product ID:01164, VV-G-671, GRADE 1, GRAPHITE GREASE

MSDS Date:11/01/1990

FSC:9150

NIIN:00-190-0918

MSDS Number: BDHVD

=== Responsible Party ===

Company Name:BATTENFELD GREASE AND OIL CORP OF NEW YORK INC.

Address:1174 ERIE AVE

Box:728

City:NORTH TONA

WANDA

State:NY

ZIP:14120-3036

Country:US

Info Phone Num:716-695-2100

Emergency Phone Num:716-695-2100

Preparer's Name:THOMAS MUSILLI

CAGE:EO110

=== Contractor Identification ===

Company Name:BATTENFELD GREASE AND OIL CORP OF NEW YORK INC

Address:1174 ERIE AVE

Box:728

City:NORTH TONAWANDA

State:NY

ZIP:14120-3036

Country:US

Phone:716-695-2100

CAGE:60226

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Composition/Information on Ingredients
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Ingred Name:CALCIUM STEARATE
CAS:1592-23-0
RTECS #:WI3000000
Fraction by Wt: 10.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 85.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 5.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MPPC
F RDUST
ACGIH TLV:2 MG/M3 RDUST; 9293

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Hazards Identification
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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:MAY BE MILDLY IRRITATING. RELEASE
DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO THE
SKIN CAUSING LOCAL NECROSIS. HIGH TEMPERATURE VAPORS MAY IRRITATE
RESPIRATORY TRACT. L
LOW LEVEL OF TOXICITY(INGESTED). CHRONIC
OVEREXPOSUREMAY CAUSE SKIN DISORDERS, DERMATITIS.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE:POSSIBLE IRRITATION. SKIN:POSSIBLE
IRRITATION, DERMATITIS WITH CHRONIC EXPOSURE. INHALED:UNLIKELY
EXPOSURE. INGESTED:G/I IRRITATION, LOW TOXICITY.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE

TO THIS PRODUCT.

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

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

REQUIRED. SEE DOCTOR.

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

Flash Point Method:COC

Flash Point:340F,171C

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

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. WATER MAY CAUSE FROTHING.

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

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

Neutralizing Agent:NONE.

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===== 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:NONE

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

Respiratory Protection:RESPIRATORY PROTECTION WILL NOT NORMALLY BE REQUIRED. IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCT IONS/WARNINGS.

Ventilation:NORMAL ROOM VENTILATION IS NORMALLY SUFFICIENT.

Protective Gloves:NEOPRENE RUBBER AS REQUIRED.

Eye Protection:SAFETY GLASSES RECOM

MENDED.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED BY TASK AT HAND.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MSDS RECEIVED FROM THE NAVY.

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

HCC:V6

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

Melt/Freeze Pt:M.P/F.P Text:200F,93C

Spec Gravity:0.91

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY SEMI-SOLID, BLAND ODOR

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:COMBUSTION WILL PRODUCE A MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES (CARBON MONOXIDE & CARBON DIOXIDE).

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY I/AW FEDERAL,STATE,LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT ADISPOSAL BE BY INCINERATION.

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