

CAM2 OIL PRODUCTS COMPANY  
31207 KEATS WAY, STE. 203  
EVERGREEN, CO 80439

MATERIAL SAFETY DATA SHEET  
PER 29 CFR 1910.1200

Emergency Telephone Number: (303) 679-2507  
Telephone Number for Information: (800) 338-2262  
Date Prepared: 05/17/2005  
Product Code: 238

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SECTION 1 - PRODUCT IDENTIFICATION

**Product name: Ultra 580 EP grease NLGI #2, NLGI GC-LB**

HMIS RATING    HEALTH    FLAMMABILITY    REACTIVITY    PERSONAL PROTECTION INDEX  
                          1                    1                    0    H

Chemical Name: PETROLEUM LUBRICATING GREASE  
Product Appearance: GREEN OPAQUE  
Product Odor: MILD HYDROCARBON ODOR

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SECTION 2 - INGREDIENTS/IDENTITY INFORMATION

Ingredient	CAS No.	TLV	PEL	Approx. % (opt.)
Distillates, Petroleum, Solvent-Refined Heavy Paraffinic	64741-88-4			70-100%

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SECTION 3 - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

If splashed into the eyes, flush with clear water for 15 minutes or until the irritation subsides. If the irritation persists, call a physician.

SKIN CONTACT

In case of contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

INHALATION

The vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION

If ingested, DO NOT induce vomiting; call a physician immediately.

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (MINIMUM)    AUTOIGNITION TEMPERATURE  
430 F.    N/D

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION

HEALTH    FLAMMABILITY    REACTIVITY  
          1                    1                    0

**HANDLING PRECAUTIONS**

Use product with caution around heat, sparks, pilot lights, static electricity and open flame.

**FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)**

Estimated values: Lower Flammable Limit N/D Upper Flammable Limit N/D

**EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES**

Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces, or as otherwise needed.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS**

**SULFUR OXIDES, FUMES, SMOKE, AND PARTICALLY BURNED HYDROCARBONS**

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**SECTION 5 - HEALTH AND HAZARD INFORMATION**

**VARIABILITY AMONG INDIVIDUALS**

Health studies have shown that many petroleum and synthetic lubricants pose potential human risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

**EFFECTS OF OVEREXPOSURE (SIGNS AND SYMPTOMS OF OVEREXPOSURE)**

Prolonged or repeated skin contact may cause skin irritation.

**TOXICITY AND SARA TITLE III INFORMATION**

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**SECTION 6 - PHYSICAL/CHEMICAL CHARACTERISTICS**

The following data are approximate or typical values and should not be used for precise design purposes.

**BOILING POINT:**

IBP Approximately

N/D by ASTM D 2887

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):**

0.87

**pH**

Essentially neutral

**POUR, CONGEALING OR MELTING POINT**

DROPPING POINT 290 C.

**VISCOSITY**

NLGI #2

**VAPOR PRESSURE (mm Hg.):**

Less than 0.01 mm Hg. @ 20EC

**VAPOR DENSITY (AIR=1):**

Greater than 5

**PERCENT VOLATILE BY VOLUME:**

Negligible from open container in 4

hours @ 38EC (100EF)

**EVAPORATION RATE:**

N/D

**SOLUBILITY IN WATER: @ 1 Atm. and 25EC**

25EC (77EF) Negligible

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**SECTION 7 - REACTIVITY DATA**

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

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**SECTION 8 - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity

with applicable governmental regulations.

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SECTION 9 - PROTECTION AND PRECAUTIONS

VENTILATION

Use local exhaust to captures vapor, mists, or fumes, if necessary. Provide ventilation sufficient to prevent exceeding exposure limit or buildup of explosive concentrations of vapor in air. Use explosion proof equipment. Restrict smoking in area.

RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES / ENGINEERING CONTROLS

Keep containers and storage vessels closed when not in use. DO NOT store near heat, sparks, flame, or strong oxidants.

PERSONAL HYGIENE

Minimize breathing of vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil soaked. Clean skin thoroughly after contact, before breaks or meals, and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

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SECTION 10 - TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION

For further information relative to spills resulting from transportation incidents, refer to the latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents, DOT 5800.3.

DOT IDENTIFICATION NUMBER

Not applicable

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