

WARREN OIL COMPANY, INC.

MATERIAL SAFETY DATA SHEET

Warren Oil Company, Inc.
Hwy 301 North
PO Box 1507
Dunn, NC 28335
910-892-6456

Product: Warren Engine Degreaser

Section 1: Product Identification

Chemical Name: Petroleum Distillates
Synonym(s)/Common Name(s): Engine Degreaser

Chem Formula: Proprietary
CAS Number: NA Mixture

DOT Ship Name: Aerosol
DOT Haz Class: 2.1
DOT ID Number: UN1950

Chemtrec: 1-800-CMA-8200

IMCO Ship Name: Aerosols
IMCO Hazard Class: 9
IMCO I.D. #: UN1950

Hazard Ratings: Health 1 Flammability 4 Reactivity 1

Section 2: Hazardous Ingredients

Ingredient	OSHA PEL/ACGIH TLV	CAS Number	Percent
Kerosene	NA/NA	8008-20-6	>80.0
Nonionic Surfactant NP4	NA/NA	26027-38-3	>5.0
Nonionic Surfactant NP9	NA/NA	26027-38-3	>5.0
Glycolether PM	NA/100	107-98-2	>5.0
N-Butane	NA/NA	106-97-8	<15.0

Section 3: Physical Characteristics

pH: No data
Viscosity: No data

Section 4: Fire and Explosion

Autoignition Temperature: 410 deg. F

Decomposition Products Under Fire Conditions: Incomplete combustion can yield carbon monoxide and various hydrocarbons.

“Empty” Container Warning: Follow accepted industry practices and/or comply with applicable Federal, State, and Local government regulations. Check before handling.

Extinguishing Media and Fire Fighting Procedures: Stop flow of product. Carbon dioxide, dry chemical or foam. Water stream may spread fire, use water spray to cool containers exposed to fire. If leak or spill has not ignited, use water spray to disperse vapors. Unusual fire or explosion hazard. Product (A-60) may form explosive mixture with air.

Flash Point (min.): (Gas -76 deg F)

Flammable or Explosive Limits (APRX. % by volume in air)

Lower 1.9% Upper 1.9%

Section 5: Reactivity Data

Reactivity: Stable incompatible with strong oxidants. Avoid open flames.

Section 6: Health Hazard Data

Effect of Overexposure (Signs and Symptoms of Exposure): Same as above.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

Nature of Hazard: Eyes: For liquid contact, treat as burns. Skin: For liquid contact, treat as burns. Inhalation: Remove to fresh air. Respiratory support if necessary. Ingestion: Seek medical attention. Do not make unconscious person vomit.

Section 7: Precautions for Safe Handling and Use

Precautions for Handling: Protective equipment and clothing should be selected, used, and maintained according to applicable standards and regulations. For further information consult a protective clothing manufacturer.

Section 8: Industrial Hygiene Control Measures

Industrial Hygiene Control Measures: Avoid contact with skin and avoid breathing vapors. do not eat, drink or smoke in work area. Wash hands prior to eating, drinking, or using restroom.

Section 9: Special Precautions

Spill or Leak Procedures: Follow accepted industry practices for spill or leak clean up. Check with Local, State and/or Federal agency for proper procedures.

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