



Material Safety Data Sheet Eco Marine Grease

MANUFACTURER: DSI Ventures, Inc. 1320 Commerce St. Tyler, TX 75702 903-526-7577

PRODUCT IDENTIFICATION

Synonyms:

Chemical Family:

Hydrocarbon lubricant grease

Mixture of natural paraffin petroleum,
aluminum benzoate thickener and additives

INGREDIENTS

CAS Registry No.	% W	% V	Identification	Carcinogen per NTP, IARC, OSHA
64742-54-7	>50	>50	hydroisomerized paraffinic hydrocarbon	not listed
mixture	<20	<20	Aluminum benzoate thickener	not listed
proprietary	<10	<10	Antiwear additive blend	not listed

PHYSICAL DATA

Boiling Point: wide range	Specific Gravity: 0.91	Vapor Pressure: not determined
Percent Solid by wt: <10	Vapor Density (air=1): n/a	pH: 7.0
Solubility in water: low	Percent Volatile (v/v): <15	Appearance: grease

FIRE AND EXPLOSION DATA

ASTM D-92 Flash/ Fire points: 350° C. minimum

Recommended fire extinguishing medium: Use Dry chemical or CO₂ foam. Use precautions as with any fire involving petroleum-based materials. Firefighters should wear apparatus with face mask and full protective equipment.

REACTIVITY DATA

DSI Marine Grease is stable under normal conditions of use. Products of complete combustion of Marine Grease are nitrous oxides, carbon oxide and water.

HEALTH HAZARD DATA

Routes of exposure:

ORAL: May cause gastrointestinal distress. Symptoms may include nausea, vomiting and diarrhea.

SKIN: Repeated or prolonged contact may result in localized irritation of the skin. May cause allergic reactions in some individuals.

EYES: Slightly irritating. Avoid contact.

INHALATION: Prolonged exposure may lead to respiratory problems.

SPECIAL TOXIC EFFECTS: None

FIRST AID

INGESTION: Do not induce vomiting. Get immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash area of contact thoroughly with soap and water. If irritation is present, get medical attention.

EYE CONTACT: Flush the eyes immediately with large amounts of water to ensure thorough rinsing. If irritation persists, get medical attention.

INHALATION: Remove affected person from source of exposure. Get medical attention if irritation persists.

EYE PROTECTION: Prevent eye contact. Eye baths should be readily available in the area of handling DSI Grease.

SKIN PROTECTION: As with any hydrocarbon product, oil-impervious clothing is recommended to prevent mist. Ventilation can be used to control or reduce airborne concentrations of oil.

ENVIRONMENTAL AND DISPOSAL INFORMATION

SPILL OR RELEASE TO THE ENVIRONMENT: A spill of any hydrocarbon fluid to navigable waters that causes a sheen upon the water's surface must be reported immediately to the Coast National Response Center (800-424-8802). Failure to report may result in civil or criminal penalties.

WASTE DISPOSAL: DSI Marine Grease, when discarded or disposed, may be classified as a hazardous waste. Consult the appropriate authorities in your area to determine the proper disposal means.

HANDLING AND STORAGE: Avoid extremes of temperature in storage. Store DSI Marine Grease in tightly closed containers in cool, dry, isolated and well ventilated areas, away from sources of ignition or heat. Do not store in unlabeled containers.

This Material Safety Data Sheet has been prepared in order to help the users of DSI Marine Grease. The data contained herein is believed to be accurate, but no guarantees are given with regard to fitness of use in a particular situation.

Effective Date: April 2008

Completed by: David Sundin, Ph.D.