



Better than it has to be®

AMALIE OIL COMPANY

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Compounding
Blending
Blow Molding
Packaging

MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

GENERIC NAME: Engine Treatment **Issue Date:** August 2010

TRADE NAMES:
Greased Lightning Stop-It Engine Sealer

CAS REGISTRY NUMBER: Not applicable for mixtures.
SYNONYMS / GENERAL NAMES: Instant Engine Treatment
24 HOUR EMERGENCY TELEPHONE: (CHEMTREC) 1-800-424-9300
TECHNICAL INFORMATION:

2. COMPOSITION / INFORMATION ON INGREDIENTS / HAZARDOUS INGREDIENTS

COMPONENTS	CAS NO.	%	HAZARD DATA
Refined Paraffinic Petroleum Oil	64741-88-4	> 35	ND
Petroleum Additives	Mixture	< 62	ORAL - LD50 (rats): > 5000 mg/Kg DERMAL - LD50 (rabbits) > 2000 mg/Kg
Contains Teflon® (PTFE)	9002-84-0	< 4%	

3. HAZARDOUS IDENTIFICATION

PRINCIPAL HAZARDS: This material has no known hazards

-- See Section 11 for complete health hazard information --

4. FIRST AID MEASURES

EYES:	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
INGESTION:	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.
SKIN:	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
INHALATION:	Remove exposed person to fresh air if adverse effects are observed.

5. FIRE FIGHTING MEASURES

FLASH POINT, °C (°F): 184 °C (363.2°F) PMCC
FLAMMABLE LIMITS (% BY VOLUME): **LOWER:** ND **UPPER:** ND
EXTINGUISHING MEDIA: CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.
SPECIAL FIRE FIGHTING PROCEDURES: Recommend wearing self-contained breathing apparatus. Water may cause splattering. Material will float on water.
AUTOIGNITION TEMPERATURE: ND
EXPLOSION DATA: Material does not have explosive properties.
NFPA RATING: **HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Personal Protective Equipment must be worn. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

NA - NOT APPLICABLE

ND - NO DATA

NE - NOT ESTABLISHED

7. HANDLING AND STORAGE

HANDLING PROCEDURES: Keep containers closed when not in use. Wash thoroughly after handling.

STORAGE PROCEDURES: No special storage precautions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:	Use with adequate ventilation.
GLOVES PROTECTION:	Nitrile.
EYE PROTECTION:	Safety Glasses.
RESPIRATORY PROTECTION:	Under normal use conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.
CLOTHING RECOMMENDATION:	Long sleeve shirt is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Light Colored Liquid
ODOR:	Little - Mild
pH:	ND
VAPOR DENSITY:	ND
MELTING POINT:	ND
BOILING POINT, 760 mm Hg, °C:	ND
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.87 @ 15.6 Deg C
EVAPORATION RATE:	ND
VISCOSITY 100°C:	1150 Centistokes at 100 Deg C
MOLECULAR WEIGHT:	ND

10. STABILITY AND REACTIVITY

STABILITY:	Material is normally stable at moderately elevated temperatures and pressures.
INCOMPATIBILITY:	Oxidizing agents.
POLYMERIZATION:	Will not occur
THERMAL DECOMPOSITION:	Smoke, carbon monoxide, aldehydes and other products of incomplete combustion

11. TOXICOLOGICAL INFORMATION

EYE IRRITATION:	Not expected to cause eye irritation, Based on data from components or similar materials.
DERMAL IRRITATION:	Not expected to cause skin irritation, Based on data from components or similar materials. Prolonged or repeated skin contact as from wet clothing with material may cause dermatitis.
INHALATION TOXICITY:	No data available to indicate product or components may be a toxic inhalation hazard.
RESPIRATORY IRRITATION:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based upon data from components of similar materials.
DERMAL TOXICITY:	The LD50 in rabbits is > 2000 mg/Kg. Based upon data from components of similar materials.

- CHRONIC EXPOSURE -

CHRONIC EXPOSURE SYMPTOMS	No data available to indicate product or components present at greater than 1% are chronic health hazards.
MUTAGENICITY:	No data available to indicate product or components present at greater than 1% are chronic health hazards.

12. HEALTH INFORMATION

HMIS CODE: HEALTH: 1 FIRE: 1 REACTIVITY: 0

No	HIGHLY TOXIC	No	SENSITIZER
No	TOXIC	No	REPRODUCTIVE EFFECTS
No	CORROSIVE	No	MUTAGEN
No	IRRITANT	No	TARGET ORGAN

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal. Determine compliance status with all applicable requirements prior to disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME:	Petroleum Lubricating Oil
HAZARD CLASS:	Not Regulated
HAZARD IDENTIFICATION NUMBER:	Not Regulated
LABEL REQUIRED:	Not Regulated
IMDG - PROPER SHIPPING NAME:	Not Available
IMDG - PROPER SHIPPING NAME:	Not Available

15. REGULATORY INFORMATION

SARA SECTION 313 - TOXIC CHEMICALS:

This product does not/ does contain greater than 1 % of any substance listed under SARA Section 313 and 40 CFR Part 372.

SARA SECTION 311 - HAZARD CATEGORIES:

This product may meet one or more of the criteria for the hazard categories defined in 40 CFR Part 370 as established by Sections 311 and 312 of SARA as indicated below:

No	IMMEDIATE (ACUTE) HEALTH HAZARD	No	SUDDEN RELEASE OF PRESSURE HAZARD
No	DELAYED (CHRONIC) HEALTH HAZARD	No	REACTIVE HAZARD
No	FIRE HAZARD		

SARA SECTION 302 - EXTREMELY HAZARDOUS WASTE:

This product is not known to contain any components in concentrations greater than one percent that are listed as Extremely Hazardous Substances in 40 CFR Part 355 pursuant to the requirements of Section 302(a) of SARA.

CLEAN WATER ACT (CWA):

Under the CWA, discharges of crude oil and petroleum products to surface water without proper Federal and State permits must be reported immediately to the National Response Center at (800) 424-8802.

CERCLA HAZARDOUS SUBSTANCES:

As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance.

U.S. TSCA INVENTORY

All components of this material are on the U.S. TSCA Inventory or are not required to be listed on the U.S. TSCA Inventory

16. OTHER INFORMATION

THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. GREASED LIGHTNING BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION, BUT MAKES NO WARRANTY THAT IT IS.

NFPA HAZARD RATING	least - 0	slight - 1	moderate - 2	high - 3	extreme - 4
HMIS HEALTH RATING	least - 0	slight - 1	moderate - 2	high - 3	extreme - 4

NA - NOT APPLICABLE

ND - NO DATA

NE - NOT ESTABLISHED