

#17011

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME: Life Automotive Products, Inc.
ADDRESS: 1210 Midas Cove Ste 101
Cordova, TN 38018 901 522 8244

PRODUCT NAME: Engine Flush
HAZARD MATERIAL ID SYSTEM: H-1 F-1 R-0 PP-B
EMERGENCY NUMBER: 800 424 9300

SECTION 1 - DESCRIPTION

PRODUCT NAME: Smart Blend Engine Flush
CAS REGISTRY NUMBER: 64742-46-7
CHEMICAL NAME: Petroleum Hydrocarbon

DOT SHIPPING NAME: N/A
DOT HAZARD CLASS: Non Hazardous
PREPARER: Mike Armstrong, April 2006

SECTION 2 - HAZARDOUS INGREDIENTS

COMPONENTS: Mineral/Synthetic Base Oil and trade secret additives

SECTION 3 - PHYSICAL DATA

BOILING POINT, DEG F: above 500
MELTING POINT, DEG F: N/A
SPECIFIC GRAVITY: 0.85 - 0.90
APPEARANCE: light to medium amber

VAPOR PRESSURE: negligible
VAPOR DENSITY: above 5
SOLUBILITY IN WATER: not soluble
ODOR: Mineral Oil

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT, DEG F: 260
EXTINGUISHING MEDIUM: water fog, foam, dry chemical, carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool exposed containers
Fire fighting personnel should use respiratory protection.
UNUSUAL FIRE EXPLOSION HAZARDS: product of combustion includes fumes & CO2

SECTION 5 - REACTIVITY HAZARDS

STABILITY: stable
HAZARDOUS POLYMERIZATION: will not
HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide upon combustion

MATERIAL TO AVOID: strong oxidizers
CONDITION TO AVOID: open flame

SECTION 6 - HEALTH HAZARD INFORMATION

ROUTE OF ENTRY: X INHALATION X SKIN X INGESTION
ACUTE OVEREXPOSURE: may cause reversible eye and skin irritation; prolonged skin exposure may cause dermatitis; ingestion may cause cramps & diarrhea; breathing mists may cause dizziness

CHRONIC OVEREXPOSURE: defined by IARC as Class I mineral oil

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM

IARC MONOGRAPHS

OSHA

YES

NO

YES NO

YES NO

THRESHOLD LIMIT VALUE: 5 mg/cubic meter as mist

EMERGENCY AND FIRST AID: in all cases remove source of exposure

1. INHALATION: unlikely to occur except as mist

2. EYES: flush with water for at least 15 minutes or until irritation subsides

3. SKIN: wash well with soap and water; remove oil soaked clothing; wash clothes before reuse; if irritation develops, consult physician

4. INGESTION: DO NOT induce vomiting; consult physician

SECTION 7 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: normally not required with adequate ventilation; if exposure exceeds limits, use NIOSH/MSHA approved air respirator

VENTILATION: if mists are present, provide adequate ventilation to control level below the Permissible Exposure Limit

PROTECTIVE GLOVES: impermeable gloves

EYE PROTECTION: goggles

OTHER: none usually required

SECTION 8 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

HANDLING & STORAGE PRECAUTIONS: Keep away from fire, flame & sparks

OTHER PRECAUTIONS: never wear oil soaked clothing; discard oil soaked shoes; affix proper warning labels on containers according to 29 CFR 1010.1200

IN CASE OF SPILLS: no unusual hazard; use pump and/or oil absorbent; keep from entering waterways and sewers

WASTE DISPOSAL METHODS: dispose according to current local, state and federal regulations; consider recycling; NOTE: material may become a hazardous waste through use

NOTE: The above information is based on data of which we are aware and is believed to be correct. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Life Automotive Products, Inc. assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, we assume no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

