

# **MATERIAL SAFETY DATA SHEET**

**MSDS No: 16002**

MANUFACTURER'S NAME: Life Automotive Products, Inc,  
ADDRESS: 500 Industrial Park Dr. Selmer, TN 38375

PRODUCT NAME: Smart Blend Engine Treatment  
HAZARD MATERIAL ID SYSTEM: H-1 F-1 R-0 PP-B

Emergency Contact: CHEMTREC  
Emergency Telephone Number: 800-424-9300

## **SECTION 1 - DESCRIPTION**

PRODUCT NAME: Smart Blend Engine Treatment      DOT SHIPPING NAME: N/A  
CAS REGISTRY NUMBER: N/A      DOT HAZARD CLASS: Non Hazardous  
CHEMICAL NAME: Petroleum Hydrocarbon/Synthetic Blend      PREPARER: Mike Armstrong 04/06

## **SECTION 2 - HAZARDOUS INGREDIENTS**

COMPONENTS: Petroleum/Synthetic Oil and trade secret additives

## **SECTION 3 - PHYSICAL DATA**

BOILING POINT, DEG F: N/A      VAPOR PRESSURE: N/A  
MELTING POINT, DEG F: N/A      VAPOR DENSITY: N/A  
SPECIFIC GRAVITY: .88-.89 (Water = 1)      SOLUBILITY IN WATER: negligible  
APPEARANCE: dark amber      ODOR: slight hydrocarbon

## **SECTION 4 - FIRE AND EXPLOSION DATA**

FLASH POINT, DEG F: above 370  
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      MATERIAL TO AVOID: strong oxidizers  
HAZARDOUS POLYMERIZATION: will not      CONDITION TO AVOID: open flame  
HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide upon combustion

## **SECTION 6 - HEALTH HAZARD INFORMATION**

ROUTE OF ENTRY:  INHALATION  SKIN  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 this material.