

MSDS - Material Safety Data Sheet

Product Name: SMART BLEND DIESEL FUEL TREATMENT

MSDS No.: R17008

I. Basic Information:

Manufacturer: LIFE AUTOMOTIVE PRODUCTS

Address: 1210 MIDAS COVE, SUITE 101

City, ST Zip: CORDOVA, TN 38018

Emergency Contact: CHEMTREC

Emergency Telephone Number: 800-424-9300

Contact:

Information Telephone Number:

Last Update: 01/04/2005

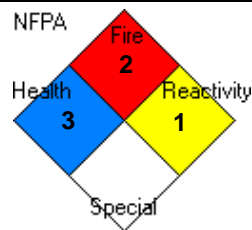
Chemical State: ☒ Liquid

☐ Gas

☐ Solid

Chemical Type: ☐ Pure

☒ Mixture



3	Health
2	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients:

☐ Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA	OSHA PEL	ACGIH TLV	Other Limits
			NTP	SUB Z	313			
91203	Naphthalene	< 0.1			X	10 ppm	10 ppm	NJ, Pa. F
27247967	Octyl nitrate	10.0 - 30.0				Not Establis	Not Establi	
8008206	Petroleum Base Oil	60.0 - 100.0				100 ppm	100 ppm	
64742945	Petroleum naphtha	< 0.1			X	Not Establis	Not Establi	100 ppm
108054	Vinyl acetate	< 0.1	X		X	10 ppm	10 ppm	

III. Hazardous Identification:

Hazard Category:

☒ Acute

☒ Chronic

☒ Fire

☐ Pressure

☒ Reactive

Hazardous Identification Information:

Danger: Harmful or Fatal if Swallowed, Eye and Skin Irritant, Combustible.

IV. First Aid Measures:

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

May cause chronic health effects.

Signs and Symptoms:

Eye Contact: Irritant. Prolonged contact may cause conjunctivitis.

Skin Contact: Irritant. Defatting of tissue, dermatitis may occur.

Inhalation: Irritant to mucous membranes. Repeated exposure may cause narcosis..

Ingestion: HARMFUL OR FATAL IF SWALLOWED. May cause burns to mouth, throat & stomach.

Medical Conditions Generally Aggravated by Exposure:

None Known

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Emergency and First Aid Procedures:

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.
Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.
Inhalation: Remove to fresh air. If breathing becomes difficult get prompt medical attention.
Ingestion: DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately.

Other Health Warnings:

Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

V. Fire Fighting Measures:

Flash Point: > 120°F

Lower Explosive Limit: N/D

Upper Explosive Limit: N/D

F.P. Method: TCC

Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures:

Wear self-contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog. Do not use forced water stream as this could cause the fire to spread.

Unusual Fire and Explosion:

Toxic fumes, gases or vapors may evolve on burning. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Toxic nitrogen oxides may evolve when burning. The alkyl nitrate contained in this product may undergo a self-accelerating exothermic reaction if heated above 212°F.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). Using a non-metallic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material. Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.

VII. Handling and Storage:

Precautions to be Taken:

Handling: Use with adequate ventilation and proper protective equipment.

Storage: Store in cool, dry area, away from oxidizing agents, sources of ignition, and heat. Keep containers closed when not in use.

Other Precautions:

Wash thoroughly after handling.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

See Section 2 for applicable exposure limits. Maintain adequate ventilation.
Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above TLV limits.

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Personal Protective Equipment:

See Section 2 for applicable exposure limits. For prolonged exposure wear protective safety glasses, gloves, apron and respirator.

IX. Physical and Chemical Properties:

Boiling Point: >300 °F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N.D.

Vapor Pressure (mm Hg.): N.D.

Specific Gravity (H2O = 1): 0.86600

Vapor Density (AIR = 1): N.D.

Solubility In Water: Slight

Appearance and Odor: Light amber with petroleum odor

Other Information: N/D

X. Stability and Reactivity:

Stability:

Material can become unstable at elevated temperatures and pressures..

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Decomposition/By Products:

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

N/D

XII. Ecological Information:

N/D

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations

XIV. Transport Information:

U.S. Department of Transportation (DOT)

Non-Bulk: Not Regulated

International Information:

Vessel: IMDG Regulated: yes

Air: ICAO Regulated: yes

XV. Regulatory Information:

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See Section 2 for SARA Reportable Chemicals.

USA TSCA: All components of this material are listed on the US TSCA Inventory.
This fuel additive is registered in the United States.

Warning: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

XVI. Other Information:

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye.
KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established
N/D: Not Determined
N/A: Not Applicable
N/AV: Not Available

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