ADVANCED LUBRICATION TECHNOLOGY, INC.

Material Safety Data Sheet

2-CYCLE FUEL ADDITIVE Catalog # MS-2C 3/25/06

ALT Inc.

3000 SW 42nd Avenue Emergency: INFOTRAC 1. 800.535.5053 Palm City, FL 34990 International: (collect) 1. 352.323.3500

1. Product Identification

Synonyms: GASOLINE & BORIC ACID
Chemical Name: Mixture GASOLINE & boric Acid

Chemical Family: Hydrocarbons

Chemical Formula: Mixture CAS Reg. No.: Mixture Product No.: 2CYAD

Product and/or Components Entered on EPA's TSCA Inventory: YES

This product is in U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

2. Components

CAS	%	OSHA	ACGIH
Number	By Wt.	PEL	TLV
64742-96-7	> 55	NE	NE
Various	< 5	NE	NE
Various	> 27	NE	NE
71-43-2	< 50 ppm	1 ppm*	10 ppm
7704-34-9	< 500 ppm	NE	NE
	< 50,000ppn	1	
	Number 64742-96-7 Various Various 71-43-2	Number By Wt. 64742-96-7 > 55 Various < 5 Various > 27 71-43-2 < 50 ppm 7704-34-9 < 500 ppm	Number By Wt. PEL 64742-96-7 > 55 NE Various < 5

^{*} Work operations exempted by the Benzene Standard;

29 CFR 1910.1028, will have a 10 ppm 8 hour TWA.

3. Personal Protection Information

Ventilation: Use adequate ventilation.

Respiratory Protection: Not generally required unless needed to prevent respiratory irritation. In case of spill or NIOSH/MSHA approved supplied air respirator.

Eye Protection: For splash protection, use chemical goggles and face shield.

Skin Protection: Use gloves resistant to the material being used (ie. neoprene or Nitrile rubber). Use protective garments to prevent excessive skin contact.

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

4. Handling and Storage Precautions

Do not get in eyes, on skin or on clothing. Avoid breathing vapors, mist, fume or dust. Do not swallow. Product may be aspirated into lungs. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse. Use with adequate ventilation.

Keep away from heat, sparks, and flames. Store this product in a well-ventilated area. Store this product in a closed container. Bond and ground this product during transfer.

5. Reactivity Data

Stability: Stable

Conditions to Avoid: Not Established

Incompatibility (Materials to Avoid): Oxygen and strong oxidizing agents

Hazardous Polymerization: Will not occur

Conditions to Avoid: OPEN FLAME, TEMPS OVER 120 F.

Hazardous Decomposition Products:

Carbon and sulfur oxides and various hydrocarbons formed when burned.

6. Health Hazard Data

Recommended Exposure Limits:

Not Established

Acute Effects of Overexposure:

Eye: May cause mild irritation, with stinging and redness of the eyes.

Skin: May cause severe irritation. Repeated or prolonged contact may cause defatting of the skin, resulting in dermatitis.

Dermal LD50 for diesel fuel is > 5 ml/kg (rabbit).

Inhalation: May cause irritation to nose, throat or lungs. Headache, nausea, dizziness, unconsciousness may occur .CONSULT PHYSICIAN IMMEDIATELY.

Ingestion: May cause irritation to intestines. May cause headache, nausea, unconsciousness. If swallowed, may be aspirated resulting in inflammation and possible fluid accumulation in the lungs. Oral LD50 for diesel fuel is 9 ml/kg (rat).

Sub Chronic and Chronic Effects of Overexposure:

Combustion, a normal use of diesel fuel, results in an exhaust that has been associated with lung cancer in animals. There is limited evidence to suggest an association between occupational exposures to diesel exhaust and lung cancer in humans.

Carbon monoxide inhalation may cause carboxyhemoglobinemia. Chronic exposure to carbon monoxide causes fatigue, poor memory, loss of sensation in fingers, visual disturbances and insomnia. Carboxyhemoglobinemia is frequently misdiagnosed as flu.

Sensitive sub-populations to the inhalation of carbon monoxide exist. Carbon monoxide displaces oxygen in the bloodstream and therefore, can adversely effect people with pre-existing heart disease, pregnant women and smokers.

Other Health Effects: No known applicable information.

Health Hazard Categ	gories:			
Animal Human				
Known Carcinogen		 Toxic		
Suspect Carcinogen		 Corrosive		
Mutagen		 Irritant	_X_	_X_
Teratogen		 Target Organ Toxin	_X_	_X_
Allergic Sensitizer		 Specify - Lung-Aspin	ation F	Iazaro
Highly Toxic		 - · ·		

First Aid and Emergency Procedures:

Eye: Flush eyes with running water for at least fifteen minutes. If irritation or adverse symptoms develop, seek medical attention.

Skin: Immediately wash skin with soap and water for at least fifteen minutes. If irritation or adverse Symptoms develop, seek medical attention.

Inhalation: Remove from exposure. If breathing is difficult, give oxygen. If breathing ceases, administer artificial respiration followed by oxygen. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Note to Physician: Gastric lavage using a cuffed endotracheal tube may be performed at your discretion.

7. Physical Data

Appearance: Pale yellow liquid

Odor: Mild

Boiling Point: 350 F.

Vapor Pressure: Not Established Vapor Density (Air = 1): >1 Solubility in Water: Negligible

Specific Gravity (H2O = 1): 0.85 at 60/60F (16/16C)

Percent Volatile by Volume: 100 Evaporation Rate (Butyl Acetate=1): <1 Viscosity: 2.8 cSt @ 104 F (40C)

8. Fire and Explosion Data

Flash Point (Method Used): > 200F ((Estimated)
Flammable Limits (% by Volume in Air): LEL - Not Established
UEL - Not Established

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO2)

Special Fire Fighting Procedures: Evacuate area of all unnecessary personnel. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described in Section C if conditions warrant. Water fog or spray may be used to cool exposed containers and equipment. Do not spray water directly on fire–product will float and could be reignited on surface of water.

Fire and Explosion Hazards: Carbon and sulfur oxides and various hydrocarbons formed when burned.

9. Spill, Leak and Disposal Procedures

Section 1910.1200.

Precautions Required if Material is Released or Spilled: Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source, if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, etc.). Transfer to disposal drums using non-sparking equipment.

Waste Disposal (Insure Conformity wit waste management facility.	h all Applicable Disposal Regulations): Incinerate or place in permitted
10. DOT Transportation	
Shipping Name:	Diesel fuel
Hazard Class:	3 (Flammable liquid)
ID Number:	NA 1993
Packing Group:	III
Marking:	GASOLINE MOTOR FUEL, 1993
Label:	None
Placard:	Flammable/1993
Hazardous Substance/RQ:	Not applicable
Shipping Description:	Diesel fuel, 3 (Flammable liquid), NA 1993, PG III
Packaging References:	49 CFR 173.150, 173.203, 173.241
i dekaging References.	4) CIR 173.130, 173.203, 173.241
	ste Ignitable (D001): Prior to disposal, consult your environmental contact city Characteristic Leaching Procedure, EPA Test Method 1311) is Part 261.
	x on Contaminated Equipment or specific instructions before work is initiated. Wear protective equipment in Section C if exposure conditions warrant.
13. Hazard Classification	
X This product meets the followard Communication Standard	owing hazard definition(s) as defined by the Occupational Safety and Health d (29 CFR Section 1910.1200):
X Combustible Liquid Fla	ammable Aerosol Oxidizer
Compressed Gas Ex	
	ealth Hazard (Section F) Unstable
	ganic Peroxide Water Reactive
Flammable Solid	game i croxide water reactive

Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR

14. Additional Comments

SARA 313:

This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. (See Section B).

Benzene.

OTHER INFORMATION

THIS INFORMATION IS BASED ON PRESENT KNOWLEDGE AND SHOULD BE USED ONLY AS A GUIDE. HOWEVER, THIS SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES. ADVANCED LUBRICATION TECHNOLOGY, INC. IS NOT HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCTS. MSDS HAS BEEN PREPARED IN ACCORDANCE WITH EU DIRECTIVE 67/548/EEC, 91/155/EEC AND OTHER EU COMMUNITY LEGISLATIONS IN FORCE.