

ALT Inc.  
3000 SW 42nd. Ave.  
Palm City, FL 34990

Updated: 06/15/05

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MOTOR SILK – BORON CLS BOND ENGINE LUBRICANT TREATMENT

Catalog Number: MS-ET

#### Company Name & Address:

Advanced Lubrication Technology Inc.  
3000 SW 42nd. Ave.  
Palm City, FL 34990  
Tel: (772) 287.9280  
Fax: (772) 287.2729  
Emergency: INFOTRAC (International) 1.352.323.3500

Information Number: Please contact ALT distributor in your country.

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Description:

Boron derivatives dispersed in Synthetic oils.

Ingredient	CAS#	Concentration in %
SYNTHETIC OIL WITH BORON DERIVATIVES	8002-05-9	100

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### 3. HAZARDS IDENTIFICATION

MAY BE HARMFUL IF SWALLOWED - WHEN USING DO NOT EAT OR DRINK

MAY CAUSE SKIN IRRITATION TO SENSITIVE INDIVIDUALS

MAY IRRITATE EYES OF SENSITIVE INDIVIDUALS

CARCINOGENICITY - NO CARCINOGENS PRESENT

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### 4. FIRST AID MEASURES

AFTER CONTACT WITH SKIN, WASH WITH WATER AND SOAP.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

IF SWALLOWED, DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE IMMEDIATELY AND

SHOW THIS CONTAINER OR LABEL.

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**5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA - DRY CHEMICAL FOAM, WATER FOG, CARBON DIOXIDE.

PROTECTIVE EQUIPMENT - WEAR SELF-CONTAINED BREATHING APPARATUS, TREAT AS OIL FIRE.

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**6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS - NOT REQUIRED

ENVIRONMENTAL PRECAUTIONS- DO NOT ALLOW ENTERING SEWERS, SURFACE OR GROUND WATER.

MEASURES FOR CLEANING/COLLECTING - APPLY ABSORBENT MATERIALS AND TRANSFER TO CONTAINERS.

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**7. HANDLING AND STORAGE.**

HANDLING - NO SPECIAL MEASURES NECESSARY - SENSITIVE INDIVIDUALS SHOULD WEAR GLOVES.

STORAGE - STORE AT ROOM TEMPERATURE. AVOID HIGH TEMPERATURES. NO SPECIAL MEASURES NECESSARY

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION -**

EXPOSURE LIMITS - THE PRODUCT DOES NOT CONTAIN ANY RELEVANT QUANTITIES OF MATERIALS WITH CRITICAL VALUES THAT MUST BE MONITORED AT THE WORKPLACE.

EYE PROTECTION - SAFETY GLASSES WHEN RISK OF SPLASHES.

SKIN PROTECTION - PROTECTIVE GLOVES

HYGIENE MEASURES - KEEP AWAY FROM FOODSTUFFS & BEVERAGES, AVOID CONTACT WITH EYES & SKIN.

BREATHING EQUIPMENT - NOT REQUIRED.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE -	TRANSLUCENT WHITE LIQUID
COLOR -	OFF WHITE
ODOR -	MILD ODOR
BOILING POINT -	375 C/705 F
MELTING POINT -	LIQUID AT AMBIENT TEMPERATURES
FLASH POINT -	296 C/475 F. (C.O.C)

EXPLOSIVE PROPERTIES - N/A  
OXIDIZING PROPERTIES - N/A  
VAPOR PRESSURE - .01  
RELATIVE DENSITY -  
pH - 6.5 - 7.5  
WATER SOLUBILITY - INSOLUBLE IN WATER  
PARTITION COEFFICIENT -

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**10. STABILITY AND REACTIVITY**

STABILITY - STABLE  
DECOMPOSITION PRODUCTS:  
    When heated - CARBON MONOXIDE/CARBON DIOXIDE/HALOGEN  
                          COMPOUNDS.  
    In Water - DOES NOT DECOMPOSE ON CONTACT WITH WATER.  
CONDITIONS TO AVOID - STRONG OXIDIZERS, WELDING, DO NOT HEAT ABOVE FLASH  
                                  POINT.  
POLYMERIZATION - WILL NOT OCCUR.

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**11. TOXICOLOGICAL INFORMATION**

MAY BE IRRITATING TO EYES  
MAY BE IRRITATING TO SKIN  
MAY BE HARMFUL IF SWALLOWED  
CONSTANT CONTACT MAY CAUSE ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS

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**12. ECOLOGICAL INFORMATION - NO DATA AVAILABLE**

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**13. DISPOSAL CONSIDERATIONS**

ACTION TO BE TAKEN FOR SPILL/LEAKS: STOP FLOW, SCRAPE, WIPE, MOP UP OR  
ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN  
APPROPRIATE CONTAINER FOR DISPOSAL  
  
DISPOSAL METHOD: DISPOSAL SHOULD BE IN COMPLIANCE WITH FEDERAL, STATE &  
LOCAL LAWS.

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**14. TRANSPORT INFORMATION**

NOT REGULATED

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**15. REGULATORY INFORMATION**

**R36 MAY BE IRRITATING TO EYES.**

**R38 MAY BE IRRITATING TO SKIN.**

**R22 MAY BE HARMFUL IF SWALLOWED.**

**S36/37/39 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES & EYE/FACE PROTECTION**

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**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.**

**-----USE AT 1:10 RATIO DILUTION-----**  
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