



CLEANBOOST EMT™ (ENGINE AND METAL TREATMENT)

SECTION 1: PREPARATION INFORMATION

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Regulatory Information Group

Date of Last Revision: Nov 15, 2010
Supersedes MSDS Dated: Oct 30, 2009

SECTION 2: PRODUCT INFORMATION

Product Name: **CleanBoost EMT™**
Product Code: CT-CBEMT
Chemical Name: Oil, n.o.s.
Common Name: Petroleum oil
CAS Number: Mixture
Product Use: Metal conditioner

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS NO.</u>	<u>% w/w</u>
Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5	60-80
Antimony alkyldithiocarbamate	Confidential	10-20
Molybdenum Dialkyldithiophosphate	Confidential	10-20

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z)

SECTION 4: HAZARD IDENTIFICATION

PRINCIPLE HAZARDS: Prolonged or repeated skin contact may cause dermatitis.
See section 11 for complete health hazard information.

THRESHOLD LIMITS: The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m³ for oil mists.

PRIMARY ROUTES OF EXPOSURE:

EYE May cause eye irritation if splashed into eyes.

SKIN Repeated or prolonged contact with skin may cause irritation which may lead to various skin disorders. Avoid prolonged skin contact.

INHALATION Inhalation of vapor or oil mist from this product may cause mild irritation of the respiratory system. Use in well ventilated areas.

ORAL Ingestion may cause nausea, diarrhea and stomach discomfort.



SECTION 5: FIRST AID MEASURES

ORAL	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.
EYE	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN	Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.
INHALATION	Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.

SECTION 6: FIRE FIGHTING MEASURES

FLASH POINT:	150 °C (302 °F), COC. Slightly Combustible. May release flammable vapors when heated above flash point.
EXTINGUISHING MEDIA:	Carbon Dioxide, dry chemical, or foam. Avoid using water.
HAZARDOUS EXPOSURE:	Carbon monoxide and asphyxiants.
SPECIAL FIRE PROCEDURES:	Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

SECTION 7: ACCIDENTAL RELEASE MEASURES

Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16. Remove sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

SECTION 8: HANDLING AND STORAGE

HANDLING	Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.
STORAGE	Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

SECTION 9: EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS:	The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m ³ for oil mists.
VENTILATION:	Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.
GLOVES:	Nitrile or neoprene gloves are recommended.
EYE PROTECTION:	Safety glasses, goggles, or face shield are recommended.



SECTION 9: EXPOSURE CONTROLS - PERSONAL PROTECTION (continued)

RESPIRATORY: Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.

CLOTHING: Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark oily liquid	pH:	Not determined
BOILING POINT:	Not determined	SOLUBILITY:	Negligible
EVAPORATION POINT:	Less than ether	SPECIFIC GRAVITY:	0.943
FLAMMABILITY:	Combustible liquid	VAPOR DENSITY:	Heavier than air
FLASH POINT:	>150° C	VAPOR PRESSURE:	<0.01mm Hg @ 20° C
ODOR:	Slight sulfur smell	VOC	Nil

SECTION 11: STABILITY AND REACTIVITY

STABILITY: Material is normally stable at ambient temperature and pressure.

CONDITIONS TO AVOID: Do not store with strong oxidizing agents. Keep away from heat, sparks, open flames, or all sources of ignition.

POLYMERIZATION: Will not occur.

DECOMPOSITION: Carbon dioxide, carbon monoxide.

SECTION 12: TOXICOLOGICAL INFORMATION

ORAL TOXICITY: Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.

EYE IRRITATION: Not expected to cause eye irritation.

SKIN IRRITATION: Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.

CARCINOGENICITY: This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION 13: ECOLOGICAL INFORMATION

This material is expected to have adverse affects on marine and plant life. Spills may contaminate drinking water.

SECTION 14: DISPOSAL CONSIDERATIONS

Consult federal, state, and local regulations regarding disposal methods. Recycle used oil. Do not contaminate used oil with solvents or other chemicals.



SECTION 15: TRANSPORTATION INFORMATION

See 49 CFR part 171.8 through 178.510

DOT SHIPPING NAME: Oil, n.o.s.
DOT HAZARD CLASS: Not regulated
UN/NA NUMBER: Not applicable
GUIDE NUMBER: 27
IMDG CODE: Not applicable

Materials classified as DOT Combustible Liquids (Flash Point > 141° F and < 200° F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.

SECTION 16: REGULATORY INFORMATION

TSCA All components of this material are on the US TSCA inventory.
SARA 311
SARA 312
SARA 313 10 to 20% Antimony compounds, contains <0.8% Antimony
CAL PROP 65 not listed
RCRA not listed
CERCLA listed

SECTION 17: OTHER INFORMATION

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPE</u>
HMIS CODE:	1	1	0	C
NFPA CODE:	1	1	0	
PRECAUTIONARY LABELS:	NA			

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