

Technical Information

***Syntek Material Safety
Data Sheet***



MATERIAL SAFETY DATA SHEET
SYNTEK GLOBAL INC.
1245 E. BRICKYARD ROAD, SUITE 410
SALT LAKE CITY, UT 84106

SECTION I

Identity (as used on label): SYNTEK ENGINE BOOST 2.0
Chemical Names and Synonyms: Fuel Inhibitor & Burn Rate Modifier/Catalyst
Chemical Family: Not Applicable
Formula: Complex Mixture
Date Prepared: November 20, 2007
INFORMATION: 1-801-386-5007 EMERGENCY RESPONSE: 1-800-424-9300

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HEALTH: 2
FLAMMABILITY: 2
REACTIVITY: 0
SPECIAL NOTICE: -

SECTION II – HAZARDOUS COMPONENTS

CONCENTRATIONS

Propriety Oil Compound		N.A.	Trade Secret
Proprietary Compound	N.A.		Trade Secret
Proprietary Compound II	N.A.		Trade Secret
Proprietary Distillate		N.A.	Trade Secret
Proprietary Solvent		N.A.	Trade Secret

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Density (LB/gal): 6.88
Solubility in Water: Slight
Appearance and Oder: Amber to Orange Liquid, Organic, Solvent odor

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 164° F (P.M.C.C.)
Extinguishing Media: CO₂ Foam, Dry Chemical or Halon
Special Fire Fighting Procedure: Wear self-contained breathing apparatus. Do not extinguish with water.
Unusual Fire and Explosion Hazards: None

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Open Flame
Incompatibility (Materials to Avoid):
Strong oxidizing agents
Hazardous Decomposition Products:
Irritating and/or toxic fumes including CO, CO₂, N and S Compounds
may be released.
Hazardous Polymerization: None
Condition to Avoid: None
Inhalation- can cause irritation, dizziness, nausea, fatigue, headache, and unconsciousness or asphyxiation.
Ingestion- can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION VI – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined for product, see Section II

Route (s) of Entry:

Inhalation?	Yes
Skin?	Yes
Ingestion?	Yes

TOXICITY (ACUTE & CHRONIC)

This proprietary amine compound is a mild eye irritant. The acute oral LD50 (rat) is .612 gm/kg. The acute dermal LD50 (rat) is greater than .251 gm/kg. The acute inhalation LC50 is greater than 1 mg/L for one hour exposure (rat).

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

Napthenic Oil may cause skin and eye irritation.

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

Hexahydro – 1, 3, 5 – triethyl-s-triazine has an acute oral LD50 (rats) of 280 mg/kg. The acute dermal LD50 (rabbits) is 400 mg/kg.

Acute hepatotoxicity studies have shown severe toxic focal necrosis of the liver in rats. There were no teratogenic effects in a developmental toxicity study with rats.

CARCINOGENICITY NTP-NO IARC-NO OSHA-NO

HEALTH HAZARDS:

Eyes – can cause irritation, redness, blurred vision. Skin – prolonged contact can cause irritation, dermatitis.

EMERGENCY AND FIRST AID:

Skin – wash with soap and water

Eyes – flush with copious amounts of water, get medical attention

Inhalation – remove to fresh air. If breathing is impaired get medical attention

Ingestion – do not induce vomiting. Keep warm, get medical attention

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released and spilled:

Clean spill with absorbent material

Eliminate ignition sources

Do not store greasy materials in enclosed containers or for long periods of time.

Waste Disposal Method:

Dispose of waste in a chemical landfill as approved by current, local, state and federal laws and regulations

Precautions to be taken in handling and storing:

Protect from physical damage. Store in cool, dry ventilated area away from acids, alkalis, and open flames

Other Precautions:

None

SECTION VII – CONTROL MEASURES

Respiratory Protection:

Use NIOSH approved organic respirator if TWA/TLV limits are exceeded

Ventilation:

Local Exhaust -

Use to maintain levels below TWA limits

Mechanical -

Use non-sparking equipment

Special -

None

Other -

None

Protective Gloves -

Chemical resistant gloves

Eye Protection -

Wear safety glasses or goggles

Other Protective Equipment or Practices:

None

INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH OSHA'S HAZARD COMMUNICATIONS STANDARD, 29 CFR 1910.1200 AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
(SIMILAR TO OSHA FORM 174)