



Technical Information

Material Safety Data Sheet

Distributed By: Syntek Global Inc.
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**MATERIAL SAFETY DATA SHEET
XTREME FUEL TREATMENT (XFT)**

**VERSION 1.3
MSDS DATE: 06/14/2013**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Xtreme Fuel Treatment (XFT)
SYNONYMS: Fuel Inhibitor & Burn Rate Modifier/Catalyst

MANUFACTURER: Syntek Global
ADDRESS: 12382 South Gateway Park Place Suite B800 Draper, Utah 84020
EMERGENCY/CHEMTREC PHONE: 1-800-424-9300
OTHER CALLS: 801-386-5007
FAX: 801-386-5004

CHEMICAL NAME: Fuel Inhibitor & Burn Rate Modifier/Catalyst
CHEMICAL FAMILY: Not Applicable
CHEMICAL FORMULA: Complex Mixture

PRODUCT USE: Fuel Additive
PREPARED BY: Syntek Global

SECTION 2: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, Skin, Ingestion, Inhalation

POTENTIAL HEALTH EFFECTS

EYES: Yes
SKIN: Yes
INGESTION: Yes
INHALATION: Yes

ACUTE HEALTH HAZARDS: Eyes-Can cause irritation, redness, blurred vision and possible permanent damage. Skin-Prolonged contact can cause irritation, dermatitis. Ingestion-Harmful or fatal if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Inhalation-High concentrations can cause irritation, dizziness, nausea, fatigue, headache and unconsciousness or asphyxiation.

CHRONIC HEALTH HAZARDS: Prolonged or repeated overexposure can cause organ damage and an increased risk of cancer.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CONCENTRATIONS</u>
1-decene, homopolymer, hydrogenated (CAS #68037-01-4)	
ACGIH TLV:	No Listing
OSHA PEL:	No Listing
Proprietary Amine Compound	
ACGIH TLV:	No Listing
OSHA PEL:	No Listing
Petroleum Distillate (CAS #64742-47-8)	
ACGIH TLV:	No Limit
OSHA PEL:	No Limit
Solvent naphtha, heavy aromatic (CAS #64742-94-5)	
ACGIH TLV:	Not Listed
OSHA PEL:	Not Listed

SECTION 4: FIRST AID MEASURES

EYES: Flush with copious amounts of water for at least 30 minutes. Remove contact lenses after 5 minutes. Get medical attention.

SKIN: Wash with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use. Shoes and other leather items which cannot be decontaminated should be disposed of.

INGESTION: Do not induce vomiting, keep warm, get medical attention.

INHALATION: Remove to fresh air. If breathing is impaired, get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: If swallowed, DO NOT induce vomiting due to the risk of aspiration posed by petroleum distillates.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: F: 156

METHOD USED: Pensky-Martens Close Cup (ASTM D-93)

NFPA HAZARD CLASSIFICATION:

HEALTH: 3 **FLAMMABILITY:** 2 **REACTIVITY:** 0 **OTHER:** None

EXTINGUISHING MEDIA: CO₂ Foam, Dry Chemical or Halon.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Do not extinguish with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when heated.

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating and/or toxic fumes including CO, CO₂, N and S Compounds may be released.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Clean spill with absorbent material. Eliminate ignition sources. Use full face NIOSH approved organic respirator if TWA/TLV limits are exceeded. Avoid runoff into storm sewers and ditches which lead to waterways. Do not store greasy materials in enclosed containers for long periods of time.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from physical damage. Store in a cool, dry, ventilated area away from acids, alkalis, and open flames.

OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use non-sparking equipment.

VENTILATION: Use local exhaust to maintain levels below TWA/TLV limits.

RESPIRATORY PROTECTION: Use NIOSH approved organic respirator if TWA/TLV limits are exceeded.

EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: Wear as appropriate: Chemical resistant apron, protective suit, boots.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear chemical resistant (nitrile, butyl rubber, neoprene) gloves.

WORK HYGIENIC PRACTICES: Facilities storing or utilizing this material should be equipped with an eyewash station.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber to Orange Liquid

ODOR: Organic, Solvent Odor

PHYSICAL STATE: Liquid

DENSITY (lb./gal.): 6.8

EVAPORATION RATE: < 1 (Butyl Acetate = 1)

VISCOSITY: 6.3 cps @ 40 C

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Open Flame

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

No data is available for this material. The information provided is based on profiles of raw materials of similar composition.

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

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

1-decene, homopolymer, hydrogenated may cause skin and eye irritation. The acute oral LD50 (rat) is > 5000 mg/kg.

CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

Petroleum Distillate (CAS #64742-47-8): The acute oral LD50 (rat) is > 5000 mg/kg. The acute dermal LD50 (rabbit) is > 2000 mg/kg. The acute inhalation LC50 is greater than 5.2 mg/L for four hour exposure (rat).

CARCINOGENICITY: NPT-Not available IARC-Not available OSHA-Not available

SECTION 12: ECOLOGICAL INFORMATION

No data is available for this material. The information provided is based on profiles of raw materials of similar composition.

PROPREITARY AMINE COMPOUND:

Ecotoxicity in water (LC50): 1.3 mg/l 96 hours (Oncorhynchus mykiss).

Ecotoxicity in water (EC50): 4.1 mg/l 48 hours (Daphnia magna).

Not readily biodegradable.

1-DECENE, HOMOPOLYMER, HYDROGENATED:

No ecotoxicity information is available for this material. Readily biodegradable.

PETROLEUM DISTILLATE

Ecotoxicity in water (LC50): 2.9 mg/l 96 hours (Oncorhynchus mykiss).

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate or dispose of waste in a chemical landfill as approved by current local, state, and federal laws and regulations.

RCRA HAZARD CLASS: Not Available

SECTION 14: TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT Shipping Description: NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR WHEN PACKAGED IN NON-BULK CONTAINERS (LESS THAN 119 GALLONS EACH)

IMO/IMDG Shipping Description: NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER THE IMDG CODE

ICAO/IATA Shipping Description: NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER ICAO OR IATA DGR

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA (OCCUPATIONS SAFETY AND HEALTH ADMINISTRATION): This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

WHMIS: This product is a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (USCA) Chemical Substance Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): This material is regulated under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304. This material is or contains chemical(s) listed in 40 CFR Table 302.4 or nondesignated RCRA ICR substance(s). (Nondesignated ICR substances apply to materials that will not be reused.) Releases in excess of reportable quantity must be reported to the National Response Center (1-800-424-8802) and the appropriate state and local emergency response organizations.

SARA TITLE III: SECTION 311/312 HAZARD CATEGORIES: Acute Health Hazard. Chronic Health Hazard.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.