

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
FUEL PLUS X100 / 2929
SEPTEMBER 2009
PAGE 1

HEALTH	2
FIRE	3
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

NOTICE: Judgment Based on Indirect Test Data
IDENTITY: Fuel Conditioner

SECTION 2 – Composition on Ingredients

COMPONENTS – CHEMICAL NAMES & COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS #	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REF SOURCE **
Petroleum Oil	64742-53-6	No	5 mg/m ³	5 mg/m ³	d
2-Butanol	78-92-2	Yes	150	100	d
Cresol	1319-77-3	Yes	5	5	d
Cyclohexanone	108-94-1	No	50	20	b

SECTION 3 – Hazards Information

PRIMARY ROUTES OF ENTRY: Inhalation, Skin Absorption

ACUTE EFFECTS:

INHALATION: Headache, nausea, incoordination, drowsiness.

EYE CONTACT: Irritant, may cause chemical burn.

SKIN CONTACT: Irritant, may cause chemical burn.

INGESTION: May cause vomiting, nausea, diarrhea. May get systemic poisoning.

CHRONIC EFFECTS: Liver, kidney effects with prolonged and repeated exposure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing dermatitis.

SECTION 4 – First Aid Measures

EYE CONTACT: Wash with large amounts of water. If irritation persists, call a physician.

SKIN CONTACT: Remove contaminated clothing. Wash with soap and water.

INHALATION: Remove to fresh air.

INGESTION: **DO NOT INDUCE VOMITING.** Give 3-4 glasses of water. Seek medical attention.

SECTION 5 – Fire Fighting Measures

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): N/A

AUTOIGNITION TEMPERATURE: N/D

EXTINGUISHER MEDIA: Dry chemical (preferred), carbon dioxide, water fog

FLAMMABILITY LIMITS IN AIR BY % IN VOLUME: %LEL: N/D %UEL: N/D

FLASH POINT & METHOD USED (non-aerosols): 83°F TCC

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Slight when exposed to heat or flame. Combustible at high temperatures.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.

OTHER PRECAUTIONS &/OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. Remove ignition sources.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION (specify type): NIOSH/MSA self-contained breathing apparatus in confined areas. NIOSH approved respirator for organic vapor.

PROTECTIVE GLOVES: Neoprene or plastic.

EYE PROTECTION: Splash goggles or safety glasses.

VENTILATION REQUIREMENTS: None required in excess to normal ventilation.

OTHER PROTECTIVE CLOTHING & EQUIPMENT: Oil resistant apron.

HYGIENIC WORK PRACTICES: Do not work in oil soaked clothing. Wash after handling.

SECTION 9 – Physical and Chemical Properties

BOILING POINT:	120°F	SPECIFIC GRAVITY (H₂O=1):	0.89
VAPOR DENSITY (AIR=1):	4	VAPOR PRESSURE: PSIG@70°F (Aerosols):	N/A
SOLUBILITY IN WATER:	Negligible	VAPOR PRESSURE (Non-Aerosols)(mmHg & Temp.):	200
WATER REACTIVE:	Neg.	EVAPORATION RATE (BUAC =1):	2
APPEARANCE & ODOR:	Clear red liquid with petroleum odor.		

SECTION 10 – Stability and Reactivity

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (Mat. To avoid): Strong oxidizers.

CONDITIONS TO AVOID: Oxidizing atmospheres, heat, flames, sparks.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 11 – Toxicological Information

No Data Available

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHODS: Dispose of in accordance with local, state and federal regulations.

SECTION 14 – Transport Information

DOT HAZARD CLASSIFICATION: Flammable Liquid, 3

SECTION 15 – Regulatory Information

HMS RATING: HEALTH-2; FLAMMABILITY-3; REACTIVITY-0; PERSONAL PROTECTION: B

SECTION 16 – Other Information

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

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