

**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**  
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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 <sup>3</sup>	5 mg/m <sup>3</sup>	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**

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