

**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**

**PRESTO / 1259**  
**SEPTEMBER 2012**  
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Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification**

**CHEMICAL FORMULATION:** Pressurized diethyl ether based engine starter

**SECTION 2 – Composition on Ingredients**

COMPONENT	CAS #	APPROX %	OSHA PEL	ACGIH	EPA 40 CFR		
				TLV	302	355	372
Diethyl Ether	60-29-7	40.0-50.0	400 ppm	400 ppm	Y	N	N
Heptane	64742-49-0	40.0-50.0	500 ppm	500 ppm	N	N	N
Hydrotreated	64742-52-5	< 1.0	N/E	N/E	N	N	N
Naphthenic Distillates							
Carbon Dioxide	124-38-9	5.0-10.0	5,000 ppm	5,000 ppm	N	N	N

**SECTION 3 – Hazards Information**

**ROUTES OF ENTRY:** Inhalation & skin contact.

**EFFECTS OF OVEREXPOSURE:**

**EYE CONTACT:** Severe irritation.

**SKIN CONTACT:** Mild irritation upon prolonged contact, defatting of skin.

**INHALATION:** Dizziness, strong anesthesia, intoxication, loss of consciousness.

**INGESTION:** Low to moderately toxic, harmful or fatal if swallowed.

**INGREDIENTS THAT ARE DEFINED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN**

**CARCINOGENS:** None

**SECTION 4 – First Aid Measures**

**EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes.

Obtain medical attention if irritation persists.

**SKIN CONTACT:** Flush skin with water while removing contaminated clothing. Launder clothing separately before reuse. Wash skin with soap and water. If irritation persists, obtain medical attention.

**INHALATION:** Remove person to fresh air. If breathing has stopped administer artificial respiration. Obtain medical attention.

**INGESTION:** Contact physician or poison control center immediately. Do not induce vomiting unless instructed by a physician or poison control center. Proper treatment is dependent upon condition of patient and amount ingested.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT:** N/A **METHOD:** T.C.C. **NFPA 30B RATING:** 3

**FLAMMABLE LIMITS IN AIR, BY % VOLUME:** **UPPER:** N/D **LOWER:** N/D

**EXTINGUISHING MEDIA:** Foam, carbon dioxide, dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Avoid possible accumulations of vapors at floor level, as vapor is heavier than air. Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F. Do not puncture or incinerate.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Remove all sources of ignition. CO<sub>2</sub> may be used as a precautionary blanket. Contain spill. Soak up material with

inert absorbent material and place in a labeled closed container for disposal.

**SECTION 7 – Handling and Storage**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat, open flames and sparks. Wash hands before eating or smoking. Do not store at temperatures above 120°F.

**OTHER PRECAUTIONS:** Keep out of reach of children. Do not puncture or incinerate container.

**SECTION 8 – Exposure Controls/Personal Protection**

**RESPIRATORY PROTECTION:** Use with adequate ventilation. Do not breathe vapors or mist. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.

**VENTILATION:** LOCAL: Recommended MECHANICAL: Not required

**PROTECTIVE GLOVES:** None needed for normal use. Solvent-resistant type may be used for prolonged exposure.

**EYE PROTECTION:** Safety glasses or goggles.

**OTHER PROTECTIVE EQUIPMENT:** None.

**SECTION 9 – Physical and Chemical Properties**

<b>BOILING POINT (°F):</b>	N/A	<b>SPECIFIC GRAVITY (Water=1):</b>	< 1
<b>VAPOR PRESSURE (mmHg):</b>	Approx. 80 @ 70° F	<b>VOC CONTENT (% by weight):</b>	Approx. 95
<b>VAPOR DENSITY (AIR=1):</b>	> 1.0	<b>EVAPORATION RATE (Water=1):</b>	> 1.0
<b>SOLUBILITY IN WATER:</b>	Negligible	<b>pH:</b>	N/A
<b>APPEARANCE AND ODOR:</b>	Clear liquid, strong ethereal odor.		

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Unstable explosive peroxides may be formed and concentrate by evaporation to hazardous levels. Product is generally stable in sealed metal containers.

**INCOMPATIBILITY:** Strong acids and oxidizers.

**CONDITIONS TO AVOID:** Contact with open flame, sparks, or heat which can cause thermal decomposition.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION MATERIAL:** Carbon monoxide may form on combustion.

**SECTION 11 – Toxicological Information**

**LD<sub>50</sub>:** N/D **LC<sub>50</sub>:** N/D Please refer to Section 3 for available information on potential health effects.

**SECTION 12 – Ecological Information**

No specific data is available for this product.

**SECTION 13 – Disposal Consideration**

Consult local environmental authorities. Dispose of cans in non-incinerated trash only.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
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**SECTION 14 – Transport Information**

**D.O.T. PROPER SHIPPING NAME:** Consumer Commodity  
**DOT CLASS:** ORM-D **DOT ID NUMBER:** None  
**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

**SECTION 15 – Regulatory Information**

No data.

**SECTION 16 – Other Information****HAZARDS RATINGS**

	<b>NFPA</b>	<b>KEY</b>
<b>HEALTH</b>	3	4 = Severe
<b>FLAMMABILITY</b>	4	3 = Serious
<b>REACTIVITY</b>	1	2 = Moderate
<b>OTHER</b>	None	1 = Slight 0 = Minimal

**MSDS LEGEND:**

ACGIH = American Conference of Governmental Industrial Hygienists  
 C = Ceiling level  
 CAS = Chemical Abstract Service  
 N/A = Not Applicable  
 N/D = Not Determined  
 N/E = Not Established  
 NFPA = National Fire Protection Association  
 OSHA = Occupational Safety and Health Administration  
 PEL = Permissible Exposure Limit (OSHA)  
 STEL = Short Term Exposure Limit (15 minute exposure)  
 TLV = Threshold Limit Value (ACGIH)  
 TWA = Time Weighted Average (8 hour exposure)  
 302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)  
 355 = SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)  
 372 = SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

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