

**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**  
**BRAKE AWAY / 1292**  
**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  
**Product Identification:** Brake and Parts Cleaner EF

**SECTION 2 – Composition on Ingredients**

| COMPONENTS – CHEMICAL NAMES & COMMON NAMES<br>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | CAS #    | SARA III LIST | OSHA PEL (ppm) | ACGIH TLV (ppm) | CARCINOGEN REF SOURCE ** |
|---|----------|---------------|----------------|-----------------|--------------------------|
| Heptane   | 142-82-5 | No            | 500            | 400             | d                        |
| Acetone   | 67-64-1  | No            | 1000           | 750             | d                        |
| Carbon Dioxide  | 124-38-9 | No            | 5000           | 5000            | d                        |

**SECTION 3 – Hazards Information**

**PRIMARY ROUTES OF ENTRY:** Inhalation, Skin Absorption

**ACUTE EFFECTS:**

**INHALATION:** Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.

**EYE CONTACT:** Slight irritation.

**SKIN CONTACT:** Slight irritation due to defatting of skin.

**INGESTION:** Irritation.

**CHRONIC EFFECTS** (Effects due to excessive exposure to the raw materials of this mixture):

Excessive inhalation may result in central nervous system effects.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** May aggravate existing eye, skin, or upper respiratory conditions.

**SECTION 4 – First Aid Measures**

**EYE CONTACT:** Flush with water for 15 minutes. If irritated, seek medical attention.

**SKIN CONTACT:** Wash with soap and water. If irritated, seek medical attention.

**INHALATION:** Remove to fresh air. Resuscitate if necessary. Get medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

**SECTION 5 – Fire Fighting Measures**

**FLAMMABILITY** as per USA FLAME PROJECTION TEST (aerosols): EXTREMELY FLAMMABLE

**AUTOIGNITION TEMPERATURE:** N/E

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

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

**FLASH POINT & METHOD USED** (non-aerosols): N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Absorb with suitable medium.

Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

**SECTION 7 – Handling and Storage**

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

**OTHER PRECAUTIONS &/OR SPECIAL HAZARDS:** KEEP OUT OF REACH OF CHILDREN. Avoid food contamination.

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

**RESPIRATORY PROTECTION** (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH for organic vapor.

**PROTECTIVE GLOVES:** Neoprene.

**EYE PROTECTION:** Safety glasses recommended.

**VENTILATION REQUIREMENTS:** Adequate ventilation to keep vapor concentration below TLV.

**OTHER PROTECTIVE CLOTHING & EQUIPMENT:** None

**HYGIENIC WORK PRACTICES:** Wash with soap and water before handling food.

**SECTION 9 – Physical and Chemical Properties**

|                                |  |  |        |
|--------------------------------|--|--|--------|
| <b>BOILING POINT:</b>          | N/A  | <b>SPECIFIC GRAVITY</b> (H2O=1): Concentrate Only =  | 0.728  |
| <b>EVAPORATION RATE</b> ( =1): | N/E  | <b>VAPOR PRESSURE:</b> (PSIG@70°F (Aerosols):        | 80-100 |
| <b>SOLUBILITY IN WATER:</b>    | None   | <b>VAPOR PRESSURE:</b> (Non-Aerosols)(mmHg & Temp.): | N/A    |
| <b>WATER REACTIVE:</b>         | No   | <b>VAPOR DENSITY</b> (AIR=1):                        | N/E    |
| <b>APPEARANCE &amp; ODOR:</b>  | Clear forceful spray with aliphatic/ketone solvent odor. |  |        |

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY** (Mat. To avoid): Strong oxidizing agents.

**CONDITIONS TO AVOID:** Open flame, welding arcs, heat, sparks.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide.

**SECTION 11 – Toxicological Information**

No Data Available

**SECTION 12 – Ecological Information**

No Data Available

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHODS:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

**SECTION 14 – Transport Information**

**DOT HAZARD CLASSIFICATION:** ORM-D

**SECTION 15 – Regulatory Information**

**NFPA RATING:** HEALTH-2; FLAMMABILITY-3; REACTIVITY-0; SPECIAL- 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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