

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
PRO TOOLS NF AIR DUSTER/ 1498
DECEMBER 2009
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HEALTH	1
FIRE	0
REACTIVITY	1
P.P.E.	B

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

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Aerosol

SECTION 2 – Composition on Ingredients

CAS #	NAME	% BY WT.	OSHA PEL/ ACGIH TLV	SARA 302/304(1)*	SARA 313 (2)*	STATE INFO (3)(4)
811-97-2	1,1,1,2-Tetrafluoroethane	>95.0	N/e / n/e	NO	NO	NO

* See Section 15 for more information

n/e = none established

n/a = not applicable

SECTION 3 – Hazards Information

EMERGENCY OVERVIEW: DANGER. May cause eye and skin irritation or frostbite. Vapor harmful. Can cause nervous system depression. Keep away from heat and flame. Contents under pressure. Do not puncture or incinerate container.

PRIMARY ROUTES OF ENTRY: skin contact, inhalation

ACUTE/POTENTIAL HEALTH EFFECTS:

- EYES:** Frostbite-like effects may occur if liquid or escaping vapor contacts the eyes.
SKIN: Causes mild to moderate skin irritation. May cause frostbite-like effects if liquid or escaping vapor contacts the skin.
INHALATION: May cause headache, dizziness, drowsiness, unconsciousness and other central nervous system effects.
INGESTION: Ingestion is not a potential route of exposure.

CHRONIC/LONG TERM EFFECTS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Gross overexposure may cause central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness. Irregular heartbeat with a strange sensation in the chest, "heart thumping", apprehension, lightheadedness, feeling of fainting, dizziness, weakness, sometimes progressing to loss of consciousness and death.

TARGET ORGAN EFFECTS: No data.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: No data.

CARCINOGENIC INFORMATION: This material is not listed as a carcinogen by IARC, NTP or OSHA.

SECTION 4 – First Aid Measures

- EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
SKIN: Immediately flush skin with plenty of water for at least 15 minutes. Call a physician. Treat for frostbite if necessary by gently warming affected area.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
INGESTION: Ingestion is not considered a potential route of exposure

SECTION 5 – Fire Fighting Measures

FLASH POINT: No flash by standard methods

EXTINGUISHING MEDIA: Dry Chemical, CO₂, or foam is recommended.

SPECIAL FIRE FIGHTING INSTRUCTIONS: CAUTION. Contents under pressure. Cool exposed containers with water spray to prevent bursting. SCBA should be used whenever chemical fires are present.

SECTION 6 – Accidental Release Measures

Ventilate area, especially low or enclosed places. Remove all sources of ignition. This product is not flammable at ambient temperature and pressure. However, it has been shown in tests to be combustible at pressure as low as 5.5 psig @351°F when mixed with air at concentrations of generally more than 60 volume % air. Data has also reported that this product may be combustible in the presence of certain concentrations of chlorine.

SECTION 7 – Handling and Storage

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

SECTION 8 – Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Good general ventilation required.

EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

RESPIRATORY PROTECTION: When respiratory protection is required, use an organic cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

SECTION 9 – Physical and Chemical Properties

APPEARANCE/ODOR: Clear, colorless, liquefied gas with slight ether odor

EVAPORATION RATE (BUTYL ACETATE=1): N/e

SOLUBILITY IN WATER: N/e

VAPOR PRESSURE (mmHg): 96 psia @ 77°F

VAPOR DENSITY (AIR=1): 3.6 @ 77°F

SPECIFIC GRAVITY (H₂O=1): N/e

pH CONCENTRATE: N/a

BOILING POINT: -15.7°F

SECTION 10 – Stability and Reactivity

- STABILITY:** Stable
INCOMPATIBILITY: Alkali or alkaline metals
CONDITIONS TO AVOID: High temperature
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: HF Acid, Carbonyl Fluoride

SECTION 11 – Toxicological Information

No data.

SECTION 12 – Ecological Information

AQUATIC TOXICITY: 48 hr EC50 - Daphnia magna: 980 mg/L, 96 hr LC50 - Rainbow Trout: 450 mg/L

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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SECTION 14 – Transport Information

D.O.T. Shipping Name / Class: Consumer Commodity, ORM-D
(Domestic Ground Shipments)

SECTION 15 – Regulatory Information**U.S. Federal Regulations:**

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

Acute (X) Chronic (X) Fire () Pressure (X) Reactive () Not Applicable ()

- (1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A
- (2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s)
NONE

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

- (3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)
- (4) Massachusetts (Hazardous Substance Disclosure by Employers)

SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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