

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

GOODSON
Tools and Supplies for Engine Builders
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DATE OF PREPARATION: March 1, 1997 **REVIEWED ON:** March 11, 2009

1. IDENTIFICATION

Part No.: CTF-14

Description: Cutting & Tapping Fluid Product

HMIS Codes: Health = 1, Flammability = 1, Reactivity = 1

NFPA Codes: Health = 1, Flammability = 1, Reactivity = 1

Emergency Phone: 800-688-4005 (24 hours) **International:** +1 (703) 527-3887

2. COMPOSITION / INGREDIENT INFORMATION

<u>Component/Ingred</u>	<u>CAS #</u>	<u>Percentage %</u>	<u>Exposure Limits</u>
Energy Release	61788-76-9	<40	N/A
Perchloroethylene/ Tetrachloroethylene	127-18-4	>50	OSHA PEL - 25 PPM, ACGIH - 50 PPM
Propane/ Dimethylmethane	74-98-6	<10	OSHA PEL - 1000 PPM ACGIH - N/A

Components marked by an asterisk are present and subject to the reporting requirements in Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

3. HEALTH HAZARD IDENTIFICATION

Routes of Entry-

Inhalation: High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, or loss of concentration. Central Nervous System depression and cardiac arrhythmia may result due to over exposure.

Skin: Product may cause irritation due to defacing of skin.

Eyes: Direct spray or vapors will irritate and may harm eyes.

Ingestion: May cause nausea, vomiting, irritation and diarrhea.

Carcinogenicity: OSHA not found. **IARC:** Not found **NTP:** Not found.

Signs & Symptoms of exposure: Nervous, liver, kidney or skin disorders.

4. EMERGENCY & FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Apply artificial respiration if needed. DO NOT give stimulants or adrenaline (epinephrine). Get medical attention immediately.

Eye Contact: Immediately flush eyes with running water, keeping the eyelids apart for 15 minutes. If irritation persists seek medical attention immediately

Skin Contact: Remove contaminated clothing and thoroughly wash skin with soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, do NOT induce vomiting unless instructed to do so by a physician. Get medical attention immediately. DO NOT give stimulants.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Established.

Flammable Limits: In Air, Not established.

Extinguishing Media: Foam, Dry Chemical (B-C), CO2.

Special Fire Fighting Procedures: Keep containers cool using water spray. Use SCBA to prevent exposure to vapors. Use proper equipment to protect personnel from bursting containers.

Unusual Fire & Explosion Hazards: Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause containers to vent, rupture or burst.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled: Clean up action should be carefully planned and executed. Remove all source of ignition. If material is spilled or released to the atmosphere, steps should be taken to contain the liquids and prevent discharges to streams or sewer systems; and control or stop loss of materials to the atmosphere. Spills or releases should be reported, if required, to appropriate local, state and federal regulatory agencies. If any question exists, the appropriate agencies should be contacted to assure proper action is being taken.

Procedures for cleaning up leaks and spills: Clean up action should be carefully planned and executed. Immediately evacuate area and provide maximum ventilation. Absorb spill with inert material, then place in a chemical waste container. Dispose of spill material in accordance with regulations. If any question exists, the appropriate agencies should be contacted to assure proper action is being taken.

7. STORAGE AND HANDLING, KEEP OUT OF REACH OF CHILDREN!!

Handling: When container is open handle with care. Use with adequate ventilation. Use proper grounding procedures. Rinse immediately if in contact with your eyes, on skin or clothing. Do not take internally. Wash thoroughly with soap and water after each use. Use only with adequate ventilation to avoid breathing mist or vapor. Do not handle or store near an open flame, heat or other ignition sources.

Storage: Keep container closed when not in use. Do not puncture or incinerate container. Store in a cool place or at room temperature. Storage temperatures for this product should not exceed 66°C (151°F). Do not store at temperatures exceeding 120°F. Keep away from the direct sunlight and incompatible materials. Do not handle or store near an open flame, heat or other ignition sources. Assure grounding and bonding of containers is completed before use of product to help prevent possible static build-up.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA approved respiratory protection.

Ventilation: Where mist, dust, spray or vapor is generated or heated.

Protective Gloves: Impervious cotton gloves suggested.

Eye Protection: Face shield, goggles or chemical goggles.

Other Protective Equipment: Standard, work shoes. Shower and eye wash facilities should be accessible.

Engineering Controls: Maintain adequate ventilation.

Personal Protective Equipment: Use respirator only as a last resort to control exposure when engineering controls are not feasible. Wear chemical-resistant GLOVES if repeated skin contact occurs or causes irritation. Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Mixture packaged in pressurized aerosol container.

Appearance: Clear liquid which sprays out in stream.

Boiling Point: Not determined.

Freezing/Melting Point: Not determined.

Evaporation Rate (water = 1): Approx. 1

Vapor Pressure (mm Hg): Not greater than 70 psig @ 70°F.

Vapor Density (Air=1): >1.

Solubility in Water: Insoluble.

Specific Gravity (Water=1): >1.

% Volatile by Volume: >60%.

Flammable: Yes.

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Do not use or store in direct sunlight or near fire, sparks or flame.

Incompatibilities (materials to avoid): Avoid contact with strong oxidizers.

Hazardous Decomposition Products: CO, CO₂, hydrocarbons.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGY INFORMATION

Carcinogenicity: Not determined. **LD50 / LC50:** Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not determined.

Environmental Fate: Not determined.

13. DISPOSAL CONSIDERATIONS

Disposal: Use the entire contents of the product according to the label. Disposal of waste materials must meet the applicable regulation standards. This container is recyclable at an aerosol recycling center. If recycling is not available wrap the container and discard in the trash. **DO NOT PUNCTURE!** Dispose of unused product in accordance with regulations. If any questions exist, the appropriate agencies should be contacted to assure proper action is being taken.

Other Precautions: As of the release date of this MSDS, uncontaminated Motor Flush is not considered a hazardous waste, under federal rules, when spilled or discarded. State and local rules may vary and proper disposal must be determined on a case-by-case basis.

14. TRANSPORTING INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR or appropriate Dangerous Goods Regulations for additional description requirements (e.g. technical name) and mode specific or quantity specific shipping requirements. **(DOT - Department of Transportation)**

DOT Shipping Name: Consumer Commodity

Labels Required: ORM-D

DOT Hazard Class: N/A

DOT Packing Group: N/A

DOT Identification Number: N/A

15. REGULATORY INFORMATION

TSCA: Not determined.

California Prop. 65: Not determined.

SARA 311 Categories:

1. Immediate (Acute) Health Effects: Unknown.
2. Delayed (Chronic) Health Effects.
3. Fire Hazard.
4. Sudden Release of Pressure Hazard.
5. Reactivity Hazard.

Regulatory Lists Searched:

- | | | | |
|--------------------------|--------------------------|----------------------|-----------------------|
| 01. SARA 313 | 02. MASS RTK | 03. NTP Carcinogen | 04. CA prop 65-Carcin |
| 05. CA prop 65-Repro Tox | 06. IARC Group I | 07. IARC Group 2A | 08. IARC Group 2B |
| 09. SARA 302/304 | 10. PARTK | 11. NJRTK | 12. CERCLA 302.4 |
| 13. MN RTK | 14. ACGIHTWA | 15. ACGIHSTEL | 16. ACGIH Ca1c TLV |
| 17. OSHA PEL | 18. DOT Marine Pollutant | 19. Chevron TWA | 20. EPA Carcinogen |
| 21. TSCA Sect S (a) (2) | 22. TSCA Sect 6 | 23. TSCA Sect 12 (b) | 24. TSCA Sect 8 (a) |
| 25. TSCA Sect 8 (d) | 26. TSCA Sect 4 (a) | 27. Canadian WHMIS | 28. OSHA CEILING |
| 29. Chevron STEL | | | |

The following components of this material are found on the regulatory lists indicated. UNKNOWN

16. DISCLAIMER

We believe all information given is accurate. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.