

Safety Data Sheet

STP Products Manufacturing Company

44 Old Ridgebury Road
Suite 300
Danbury, CT 06810
Tel. 1-203-205-2900

1. Product And Company Identification

Product Name: Certified A/C Pro® Power Clean & Flush

Product Number: CA-1T

Responsible Party: STP Products Manufacturing Company
44 Old Ridgebury Road
Suite 300
Danbury, CT 06810

Information Phone Number: +1 203-205-2900

Emergency Phone Number:

For Medical Emergencies, call 1-866-949-6465 / +1 303-389-1332 (Outside US and Canada)
For Transportation Emergencies, call 1-800-424-9300 (Chemtrec) +1-703-527-3887 for
Outside US and Canada (call collect)

SDS Date of Preparation: 03/14/2018

Product Use and Uses Advised Against: Automotive maintenance product – For consumer and professional use

2. Hazards Identification

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

GHS Classification:

Physical:	Health:
Flammable Aerosol Category 1 Gases Under Pressure: Compressed Gas	Aspiration Hazard Category 1 Skin Irritant Category 2 Skin Sensitizer Category 1B Specific Target Organ – Single Exposure Category 3

GHS Label Elements:



Danger!

Statements of Hazard	Precautionary Phrases
Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.	Prevention Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container. Do not pierce or burn, even after use. Avoid breathing mist, vapors, or spray.

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Prevention Continued

Contaminated work clothing should not be allowed out of the workplace.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves, and protective clothing.

Storage

Protect from sunlight. Do not exposure to temperatures exceeding 50°C / 122°F.
Store in a well-ventilated place.
Store locked up.

Disposal

Dispose of contents and container in accordance with local and national regulations

Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of water and soap.
If skin irritation or rash occurs: Get medical attention.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell.

Hazards not otherwise specified: None

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Carbon Dioxide	124-38-9	<5%
Aliphatic Petroleum Distillate	64742-47-8	70-80%
D' Limonene	5989-27-5	20-30%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problems or irritation persist.

Skin Contact: Rinse skin with plenty of soap and water. If skin irritation or rash develops, seek medical attention.

Eye Contact: Flush eyes with plenty of water. If irritation or other symptoms persist, seek medical attention.

Ingestion: Not anticipated route of exposure for aerosol products, however, if ingested: DO NOT induce vomiting. Get immediate medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

Most Important Symptoms: Causes skin irritation. May cause allergic skin reaction in some individuals. Inhalation of mists or vapors may cause Central Nervous System (CNS) effects: Dizziness, drowsiness, head ache, and nausea. May cause mild eye irritation. Swallowing may cause gastrointestinal disturbances. Aspiration hazard: May be fatal if swallowed and enters airways.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention will be required if product is ingested.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use dry chemical, carbon dioxide, foam, or water spray.

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Specific Hazards Arising from the Chemical: Contents under pressure. Keep away from ignition source and open flames. Exposure of containers to heat and flames can cause them to rupture, often with violent force. Thermal decomposition will generate oxides of carbon, and ammonia.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Eliminate all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective clothing and equipment.

Methods and Materials for Containment and Clean-Up: Place leaking can in a pail in a well-ventilated area away from ignition sources until pressure has dissipated. Collect liquid using inert material and place into a suitable container for disposal.

Environmental Precautions: Prevent entry into storm sewers and waterways. Report spill as required by local and national regulations.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid contact with skin, and clothing. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120°F. **U.F.C. (NFPA 30B) Level 3 Aerosol.**

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Carbon Dioxide	5000 ppm TWA OSHA PEL 5000 ppm TWA, 30000 ppm STEL ACGIH TLV
Aliphatic Petroleum Distillate	5 mg/m ³ TWA OSHA PEL 5 mg/m ³ TWA ACGIH TLV
D' Limonene	None established

Appropriate Engineering Controls: General ventilation should be adequate for normal use.

Personal Protective Equipment

Respiratory Protection: None under normal use conditions.

Gloves: Wear protective gloves.

Eye Protection: None required for normal use. Eye protection recommended to avoid eye contact.

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Other Protective Equipment/Clothing: None required under normal use conditions. Protective clothing recommended to avoid skin contact.

9. Physical and Chemical Properties

Appearance and Odor: Clear colorless liquid with citrus odor in an aerosol can.

Physical State: Liquid-based aerosol	Odor Threshold: Not determined
pH: 9.0 – 9.5 (liquid component)	Vapor Pressure: 845 psi
Initial Boiling Point/Range: >140°F (60 >°C) (liquid component)	Vapor Density: Not determined
Melting/Freezing Point: Not determined	Percent Volatile: 97%
Solubility In Water: Insoluble	Evaporation Rate: Not determined
Viscosity: Not determined	VOC Content: Not determined
Specific Gravity: 0.79 – 0.81	Autoignition Temp: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Flammability (solid, gas): Not applicable
Flash Point: 48.8 °C / 120 °F (TCC) (Liquid component) Propellant is a non-flammable gas.	Decomposition Temperature: Not available
Flammability Limits: LEL: Not determined	UEL: Not determined
Flame Extension: >18 inches	

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Conditions to Avoid: Keep away from excessive heat, sparks and open flames. Containers may rupture at temperatures > 120°F (48.8°C).

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon, and ammonia.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: Inhalation of mists or vapors may cause Central Nervous System (CNS) effects: Dizziness, drowsiness, head ache, and nausea.

Skin Contact: Causes skin irritation. May cause allergic skin reaction (sensitization) with itching or rash in susceptible individuals.

Eye Contact: May cause mild eye irritation with redness and tearing.

Ingestion: Ingestion is an unlikely route exposure for aerosol products. Swallowing may cause gastrointestinal disturbances. Aspiration hazard: May be fatal if swallowed and enters airways.

Chronic Effects: None known

Carcinogenicity Listing: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

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Numerical Measures of Toxicity:

Carbon dioxide:	Not acutely toxic.
Aliphatic Petroleum Distillate:	LD50 Rat Oral >5000 mg/kg LD50 Rabbit Dermal >2000 mg/kg LC50 Rat inhalation >5.28 mg/l/4 hr.
D' Limonene:	LD50 Rat Oral 4400 mg/kg LD50 Rabbit Dermal >5000 mg/kg

12. Ecological Information

Ecotoxicity:

Aliphatic Petroleum Distillate:	NOEL Oncorhynchus mykiss (Rainbow trout) 10 mg/L/96 hr. EL50: Daphnia Magna: 21 mg/L/48 hr.
D' Limonene:	LC50: Pimephales promelas (Fathead minnow) 0.688 mg/L/96 hr. EC50 Daphnia magna 0.36 mg/ L / 48 hr.

Persistence and Degradability:

Aliphatic Petroleum Distillate:	58.6% in 28 days.
D' Limonene:	Readily biodegradable

Bio accumulative Potential:

D' Limonene:	BCF: 1022
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Mobility in Soil: No data available for product.

Other Adverse Effects: No data available

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

14. Transport Information

DOT Hazardous Materials Description:	UN1950, Aerosols, Class 2.1, Ltd Qty
IMDG Dangerous Goods Description:	UN1950, Aerosols, 2.1, Ltd Qty
IATA International Air Transport Association:	UN1950, Aerosols Flammable, Class 2.1, Ltd Qty

15. Regulatory Information

United States:

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

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CERCLA Section 103: This product has no RQ. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

16. Other Information

NFPA Rating (NFPA 704):	Health: 2	Fire: 4	Instability: 0
HMIS Rating:	Health: 2	Fire: 2	Physical Hazard: 0

REVISION DATE: 03/14/2018

REVISION SUMMARY: Change in Section 14.

PREVIOUS REVISIONS DATE: 03/02/2018

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH