

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® Auto Air Conditioning Fast-Drying Flush & Clean

Product Number: CQS-11

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 Liquid Category 3	Aspiration Hazard Category 1 Skin Irritant Category 2 Eye Irritant category 2A Skin Sensitizer Category 1B Specific Target Organ – Single Exposure Category 3 (nervous system)

GHS Label Elements:



Danger!

Statements of Hazard	Precautionary Phrases
Flammable liquid and vapor May be fatal if swallowed and enters airways Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness.	Prevention Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting

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Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
In case of fire: Use alcohol-resistant foam, carbon dioxide, dry chemical, and water spray to extinguish.

equipment.

Use only non-sparking tools.

Prevention Continued

Take precautionary measures against static discharge. Avoid breathing mist, vapors, or spray. Contaminated work clothing must not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear eye protection, protective gloves, and protective clothing.

Disposal

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

Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Hazards not otherwise specified: None

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy	64741-65-7 / 64742-48-9	70 - 90%
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: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation or other symptoms persist, seek medical attention.

Ingestion: 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 serious eye irritation. 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, headache, and nausea. 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.

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5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, dry chemical, and water spray to extinguish.

Specific Hazards Arising from the Chemical: Flammable liquid and vapor. Vapors may accumulate in confined areas and present a fire or explosion hazard. Vapors may be heavier than air and travel along surfaces to remote ignition sources and flash back. Closed containers may rupture if exposed to extreme heat. Burning may produce oxides of carbon.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water.

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: Stop spill at the source if it is safe to do so. Absorb with an inert material. Collect into a suitable container for disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard.

Environmental Precautions: Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations. Notify the National Response Center if a spill of any amount enters navigable waters, the contiguous zone, or adjoining shorelines.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash exposed skin thoroughly with soap and water after use. Keep containers closed when not in use. Do not permit smoking in use or storage areas.

Use with adequate ventilation. Keep away from ignition sources. Ground and bond container and receiving equipment

Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Empty containers retain product residue and may be hazardous. Do not cut, weld, or drill. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store locked up. Store away from oxidizing agents and other incompatible materials. Keep away from open flames, sparks, and excessive heat.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy	500 ppm TWA OSHA PEL

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(as Petroleum Distillate)	
D' Limonene	None established

Appropriate Engineering Controls:

Use general ventilation or local exhaust as required to maintain exposures below excessive concentrations. Use explosion-proof and ventilating equipment.

Personal Protective Equipment

Respiratory Protection:

For operations where the exposures are exceeded, a NIOSH approved organic vapor respirator, supplied air respirator, or positive pressure self-contained breathing apparatus is recommended. Equipment selection depends on contaminant type and concentration. Select and use in accordance with 29 CFR 1910.134 and good industrial hygiene practice.

Gloves: Wear protective gloves.

Eye Protection: Wear splash proof chemical goggles.

Other Protective Equipment/Clothing: Appropriate protective clothing as needed to minimize skin contact.

9. Physical and Chemical Properties

Appearance and Odor: Clear colorless liquid with a hydrocarbon odor in a plastic container.

Physical State: Liquid	Odor Threshold: Not determined
pH: Not applicable	Vapor Pressure: Not determined
Initial Boiling Point/Range: Not determined	Vapor Density: (Air = 1) 4.8
Melting/Freezing Point: Not determined	Percent Volatile: Not determined
Solubility In Water: Not determined	Evaporation Rate: 0.1 (n-butyl acetate = 1.0)
Viscosity: Not determined	VOC Content: Not determined
Specific Gravity: 0.776	Autoignition Temp: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Flammability (solid, gas): Not applicable
Flash Point: 46°C (115°F)	Decomposition Temperature: Not available
Flammability Limits: LEL: Not determined	UEL: Not determined
Flame Extension: Not applicable	

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Will react with acids and strong oxidizing agents.

Conditions to Avoid: Keep away from excessive heat, sparks and open flames.

Incompatible Materials: Strong oxidizing agents.

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

11. Toxicological Information

Potential Health Effects:

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Acute Hazards:

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

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

Eye Contact: Causes eye irritation with redness and tearing. Animal test data shows Naphtha (petroleum), heavy alkylate / hydrotreated heavy is irritating to rabbit eyes; and D' Limonene mildly irritating to rabbit skin.

Ingestion: Swallowing may cause gastrointestinal disturbances. Aspiration hazard: Aspiration into the lungs during swallowing or vomiting may cause severe lung damage and may be fatal.

Chronic Effects: None known

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

Numerical Measures of Toxicity:

Product ATE: LD50 Oral 2,350 mg/kg
LD50 Dermal 2,742 mg/kg

Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy:
LD50 Rat Oral >2,000 mg/kg
LD50 Rabbit Dermal >2,000 mg/kg

D' Limonene: LD50 Rat Oral 4,400 mg/kg
LD50 Rabbit Dermal >5,000 mg/kg

12. Ecological Information

Ecotoxicity:

This product is very toxic to aquatic life with long lasting effects.

Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy:
NOEL Oncorhynchus mykiss (Rainbow trout) 10 mg/L/96 hr.
EL50: Daphnia Magna: 4.5 mg/L/48 hr.
EL50: Pseudokirchneriella subcapitata (green algae) 3.1 mg/L/72 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:

Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy:
58.6% in 28 days.
D' Limonene: Readily biodegradable

Bio accumulative Potential:

D' Limonene: BCF: 1022

Mobility in Soil: No data available for product.

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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: UN1993, Flammable Liquid, n.o.s. (Petroleum Distillates, D' Limonene), 3, PG III

IMDG Dangerous Goods Description: UN1993, Flammable Liquid, n.o.s. (Petroleum Distillates, D' Limonene), 3, PG III

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.

CERCLA Section 103: This product has no RQ. Oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Classified as per OSHA HazCom 2012 GHS in 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: 2	Instability: 0
HMIS Rating:	Health: 2	Fire: 2	Physical Hazard: 0

REVISION DATE: 03/14/2018

REVISION SUMMARY: New SDS. Formula template.

PREVIOUS REVISION DATE: N/A

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