



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: STP® Premium 2 Cycle 40:1 Fuel & Oil Pre-Mix with Fuel Stabilizer

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: 12/11/2017

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 2	Acute Toxicity (Oral) Category 4 Eye Irritation 2A Skin Irritation Category 2 Reproductive Toxicity Category 2 Specific Target Organ Toxicity –Repeat Exposure Category 1 Specific Target Organ Toxicity -Single Exposure Category 3 (CNS effects and Irritation) Aspiration Hazard Category 1

GHS Label Elements:



Danger!



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Statements of Hazard

Highly flammable liquid and vapor.
 Harmful if swallowed.
 May be fatal if swallowed and enters airways
 Causes serious eye irritation.
 Causes skin irritation
 Causes damage to vision, brain, hearing, nervous system, liver, and kidney through prolonged or repeated exposure.
 May cause drowsiness or dizziness
 May cause respiratory irritation.
 Suspected of damaging fertility or the unborn child.

Precautionary Statements Prevention

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 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 equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Do not breathe mist, vapors or spray.
 Do not eat, drink or smoke when using this product.
 Wash exposed skin thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves, eye protection and protective clothing.

Precautionary Statements Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation 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.
 IF exposed or concerned: Get medical advice.
 In case of fire: Use water fog, foam, carbon dioxide or dry chemical to extinguish.

Storage

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

Disposal

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

Hazards not otherwise specified: None

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20 contains	Trade Secret	<97%
Naphtha (Petroleum) full-range alkylate	64741-64-6	
Isopentane	78-78-4	
Toluene	108-88-3	
Hydrotreated light distillate	64742-47-8	
Proprietary Oil Mix	Trade Secret	3%

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



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4. First Aid Measures

Inhalation: If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention if you feel unwell, or symptoms appear and persist.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash exposed skin with soap and water. If skin irritation or redness develops, get medical attention.

Eye Contact: Flush eyes with large amounts of water for 15 minutes. If irritation or other symptoms persist, get medical attention.

Ingestion: DO NOT induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get 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: Eye and skin irritant. Inhalation of mists or vapors may cause irritation to upper respiratory tract; and central nervous systems effects such as dizziness, drowsiness, headache and nausea. Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Harmful if swallowed. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects. Causes damage to vision, brain, hearing, nervous system, liver, and kidney through prolonged or repeated exposure. Contains toluene which is suspected of damaging fertility or the unborn child.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical treatment is required for ingestions which may result in an aspiration hazard. Material may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.

Specific Hazards Arising from the Chemical: Highly 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 carbon monoxide, carbon dioxide and other oxides of carbon.

Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6: Accidental Release Measures

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



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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. Do not breathe 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. Keep out of the reach of children. Keep product away from heat, sparks, flames, electrical equipment and all other sources of ignition. Use only outdoors or in a well-ventilated area.

Do not cut, drill, grind or weld on or near containers, even empty containers. Empty containers retain product residues can be hazardous. 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. Store out of direct sunlight. Store in accordance with local regulations.

8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	None Established
Naphtha (Petroleum) full-range alkylate	None Established
Isopentane	1000 ppm TWA OSHA PEL 1000 ppm TWA ACGIH TLV
Toluene	20 ppm TWA ACGIH TLV 200 ppm TWA, 300 ppm Ceiling, 500 ppm 10 min peak per 8 hr. shift OSHA PEL
Hydrotreated light distillate	5 mg/m ³ TWA OSHA PEL 5 mg/m ³ TWA ACGIH TLV (inhalable)
Proprietary Oil Mix	None Established

Ventilation: Good general ventilation (equivalent to outdoors) should be adequate for normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits. Use explosion-proof equipment where required.

Respiratory Protection: None under normal use conditions. For operations where the exposure limits are exceeded, a NIOSH approved respirator with an organic vapor cartridge or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Gloves: Impervious gloves such as neoprene or nitrile are recommended if needed to avoid prolonged or repeated skin contact.

Eye Protection: Safety glasses or goggles are recommended if eye contact is possible.

Other Protective Equipment/Clothing: Appropriate protective clothing as needed to prevent prolonged or repeated skin contact.



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9. Physical and Chemical Properties

Appearance and Odor: Liquid with a hydrocarbon odor.

Physical State: Liquid	Odor Threshold: Not available
pH: Not applicable	Vapor Pressure: Not determined
Initial Boiling Point/Range: 97°F (34°C)	Vapor Density: >1
Melting/Freezing Point: Not determined	Percent Volatile: 100%
Solubility In Water: Insoluble	Evaporation Rate: Not determined
Viscosity: Not determined	VOC Content: Not determined
Specific Gravity: ~ 0.720	Autoignition Temp: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Flame extension: Not applicable
Flash Point: 32°F (0°C) CC	Flammability (solid, gas): Not applicable
Flammability Limits: LEL: 1% UEL: 8%	Decomposition Temperature: Not available

10. Stability and Reactivity

Reactivity: Not normally reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Reaction with strong oxidizers will cause fire or explosion.

Conditions to Avoid: Keep away from excessive heat, open flames, sparks, direct sunlight and all other sources ignition

Incompatible Materials: Strong oxidizing agents and reducing agents

Hazardous Decomposition Products: Burning may produce carbon monoxide and carbon dioxide, and unburned hydrocarbons.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: Inhalation of mists or vapors may cause irritation to upper respiratory tract, and may cause central nervous system effects such as dizziness, drowsiness, headache and nausea.

Skin Contact: Causes skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin and dermatitis.

Eye Contact: Causes eye irritation with redness, tearing and pain.

Ingestion: Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Harmful if swallowed. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea and central nervous system effects with symptoms of drowsiness, headache, dizziness and unconsciousness.

Chronic Effects: Causes damage to vision, brain, hearing, nervous system, liver, and kidney through prolonged or repeated exposure. Contains toluene which is suspected of damaging fertility or the unborn child.

Carcinogenicity Listing: None of the ingredients of this product are listed as carcinogens by IARC, NTP, or OSHA.



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Numerical Measures of Toxicity:

Product Calculated ATE:	LD50 Oral: 515 mg/kg LD50 Skin: >2000 mg/kg LC50 Inhalation: >25 mg/L
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20:	LD50 Oral Rat: <2000 mg/kg
Naphtha (petroleum):	LD50 Oral Rat: >5000 mg/kg LD50 Skin Rabbit: >2000 mg/kg LC50 Inhalation Rat >5.28 mg/L/ 4 hr
Isopentane:	LD50 Oral Rat: >5000 mg/kg LD50 Skin Rabbit: >2000 mg/kg
Toluene:	LD50 Oral Rat: 5580 mg/kg LD50 Skin Rabbit: >5000 mg/kg LC50 Inhalation Rat: >20 mg/L/4 hr.
Hydrotreated light distillate:	LD50 Oral Rat: >5000 mg/kg LD50 Skin Rabbit: >2000 mg/kg LC50 Inhalation Rat >5.28 mg/L/ 4 hr
Proprietary Oil Mix Calculated ATE:	LD50 Oral: 5426 mg/kg LD50 Skin: >2000 mg/kg LC50 Inhalation: >25 mg/L

12. Ecological Information

Ecotoxicity:	Toxic to aquatic life with long lasting effects.
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20:	Expected to be toxic to aquatic organisms.
Naphtha (petroleum):	LL50: Oncorhynchus mykiss 10 mg/L/96 hr. EL50: Daphnia Magna: 4.5 mg/L/48 hr.
Isopentane:	LC50: Oncorhynchus mykiss 4.26 mg/L/96 hr. EL50: Daphnia Magna: 2.3 mg/L/48 hr.
Toluene:	LC50 Oncorhynchus kisutch 5.5 mg /L/ 96 hr.
Hydrotreated light distillate:	LL50: Oncorhynchus mykiss 10 mg/L/96 hr. EL50: Daphnia Magna: 4.5 mg/L/48 hr.

Persistence and Degradability:

Naphtha (petroleum):	90.35% in 28 days.
Isopentane:	71.43% in 28 days.



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Toluene: Readily biodegradable

Bio accumulative Potential:

Isopentane: Does not greatly bio accumulate in the lipids of ecological receptors.
Toluene: BCF 90

Mobility in Soil: No data for product

Other Adverse Effects: No data available

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations.

14. Transport Information

DOT Hazardous Materials Description: UN3295, Hydrocarbons, liquid, n.o.s. 3, II

IMDG Dangerous Goods Description: UN3295, Hydrocarbons, liquid, n.o.s. 3, II

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: A component of the Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20 in this product has an RQ of 1000 lbs. 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):

Toluene

16. Other Information

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

*Chronic health hazard.

DATE OF CURRENT REVISION: 12/11/2017

REVISION SUMMARY: Change in material supplier. Changes to all sections.

DATE OF PREVIOUS REVISION: 09/28/2017

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