



MATERIAL SAFETY DATA SHEET

Page 1 of 6

MSDS Code: GFST

Date Issued: 08/20/13

Replaces Issue: 06/30/08

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PROLONG GASOLINE FUEL SYSTEM TREATMENT
(As Used on Label and List)

PRODUCT CODE: GFST

MANUFACTURER NAME AND ADDRESS:

GoldenWest Lubricants, Inc.
1937 Mount Vernon Avenue
Pomona, CA 91768-3312

MANUFACTURER PHONE NUMBERS:

Phone: 909.865.1937
FAX: 909.865.4467

FOR HEALTH OR HAZMAT EMERGENCY:

CHEM-TREC (US & Canada) 800.424.9300
CHEM-TREC (International) 703.527.3887 (collect)

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DEFINITION: Gasoline Fuel Treatment

CHEMICAL NATURE: Specialty

PRODUCT	CAS # OF COMPONENTS	EXPOSURE GUIDELINES		
		LIMITS	AGENCY	TYPE
Petroleum Distillate	Mixture	500 ppm 8 hours	ACGIH	TLV / STEL
Trimethylbenzene 1,2,3	526-73-8	25ppm	ACGIH	TLV/TWA
Trimethylbenzene 1,2,4	95-63-6	25ppm		TWA (ACGIH)
Trimethylbenzene 1,3,5	108-67-8	25ppm		TWA (ACGIH)
Xylene	1330-20-7	150ppm 100ppm		STEL (ACGIH) TWA (ACGIH)
Cumene	98-82-8	50ppm		TWA (ACGIH)

Please note that the chemical identity of some or all of the above ingredients is confidential information and may be withheld as permitted by 29CFR 1910.1200 and Various State Right To Know Laws

SECTION 3 - HAZARDS IDENTIFICATION

Health Hazards: May be harmful if inhaled and/or ingested. Avoid breathing of vapors. May cause skin irritation. High vapor/aerosol concentrations may be irritating to eyes and respiratory tract. See Section 11 for further information.

Physical Hazards: Combustible liquid. Liquid or vapor may ignite. Keep away from all sources of ignition.



MATERIAL SAFETY DATA SHEET

Page 2 of 6

MSDS Code: GFST

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SECTION 4 - FIRST AID MEASURES

- Inhalation:** Using proper respiratory protection, remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. Keep at rest. Seek immediate medical attention.
- Skin Contact:** In case of skin contact, remove any contaminated clothing and wipe excess off. Wash skin with soap and water or a waterless hand cleaner followed by soap and water. Launder or dry-clean clothing before reuse and discard shoes and other leather articles saturated with the material. Get medical attention if irritation persists or develops.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, while holding eyelids open. Seek immediate medical attention if irritation persists.
- Ingestion:** Do not induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Do not attempt to give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek immediate medical attention.
- Note to Physicians:** Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

SECTION 5 - FIRE FIGHTING MEASURES

- Extinguishing Media:** Foam, water spray (fog), dry chemical, and carbon dioxide. Water spray can be used to cool and protect containers exposed to heat and flame.
- Unusual Fire and Explosion Hazards:** Combustible liquid. Can form combustible mixtures at temperatures at or above flashpoint. Materials can accumulate static charges, which can cause an incendiary electrical discharge. Toxic fumes or vapors may evolve on burning. This liquid is volatile and gives off invisible vapors. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights or other flames and ignition sources at locations distant from material handling point. Container may rupture on heating.
- Specific Methods / Protection of Firefighters:** Do not enter confined fire space without full Bunker gear (helmet with face shield, Bunker coats, gloves and rubber boots), including a positive-pressure NIOSH approved self-contained breathing apparatus. Isolate "fuel" supply from fire. Avoid spraying water directly into storage containers due to danger of boilover.
- Decomposition Products Under Fire Conditions:** Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion. Fumes, smoke, carbon monoxide and other products of incomplete combustion may be found upon combustion.

NFPA RATINGS:	HEALTH - 2	FLAMMABILITY - 2	REACTIVITY- 0	SPECIFIC HAZARD - NONE
HMIS RATING:	HEALTH - 2	FIRE- 2	REACTIVITY- 0	PERSONAL PROTECTIVE - C



MATERIAL SAFETY DATA SHEET

Page 3 of 6

MSDS Code: GFST

Date Issued: 08/20/13

Replaces Issue: 06/30/08

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CHEM-TREC (US & Canada) 800.424.9300
CHEM-TREC (International) 703.527.3887 (collect)
U.S. Coast Guard National Response Center: 800.424.8802

Personal Precautions: Personnel protective equipment must be worn (See Section 8). Minimize contact with skin and clothing.

Environmental Precautions: Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, water courses, or extensive land areas. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Assure conformity with applicable governmental regulations. Contact the U.S. Coast Guard National Response Center (800) 424-8802 if a spill or any amount is made into or upon U.S. navigable waters, the contiguous zone or adjoining shorelines.

Methods for Cleaning Up: Ventilate spill area if in confined or poorly ventilated area. Pick up free liquid with explosion proof or hand pump for recycle and/or disposal. Residual material can be absorbed on inert material. Do not use combustible materials such as sawdust.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Technical Measures: Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.

Prevention of User Exposure: Avoid contact with eyes. Avoid prolonged or repeated contact with skin and clothing. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

Prevention of Fire and Explosion: Refer to Section 5.

Precautions: Use product with caution around heat, sparks, pilot lights, static electricity and open flame.

Safe Handling Advice: Refer to Section 10.

STORAGE

Technical Measures: Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.

Storage Conditions: Store in a cool, dry ventilated area. Keep containers tightly closed and upright when not in use.

Incompatible Products: Refer to Section 10.

Packaging Materials: The original Prolong container is the recommended storage material for this product.



MATERIAL SAFETY DATA SHEET

Page 4 of 6

MSDS Code: GFST

Date Issued: 08/20/13

Replaces Issue: 06/30/08

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES

Control Parameters: The use of local exhaust ventilation is recommended to control process emissions near source. Laboratory samples should be stored and handled in lab hood. Provide mechanical ventilation of confined spaces. No smoking. Keep away from flame or other ignition sources.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use NIOSH/MSHA approved full face respirator with a combination organic vapor and IGH efficiency filter cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, poorly ventilated areas and for large spill clean-up sites.

Hand Protection: Use chemical-resistant gloves to avoid prolonged or repeated skin contact.

Eye Protection: Wear chemical splash goggles with side shields or face shield.

Skin and Body Protection: Long sleeve shirt is recommended. Use of chemical-resistant apron or other impervious clothing recommended. Chemically resistant boots are also recommended. Launder clothing before reuse.

Hygiene Measures: Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Remove contaminated shoes and thoroughly clean before re-use; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT: >170° F Method: ASTM D-92

DENSITY (lbs/gal): Not Determined

APPEARANCE: Clear liquid

SPECIFIC GRAVITY (H₂O = 1): 0.89 @ 15.6°C

% VOLATILE BY VOLUME: Not Determined

BOILING POINT: Not Determined

MELTING POINT (°C): Not Determined

COLOUR: Clear Amber Liquid

ODOUR: Strong Petroleum Odor

pH @ 25°C: Not Determined

VAPOR PRESSURE (mm Hg): Not Determined

VAPOR DENSITY (AIR = 1): Not Determined

EVAPORATION RATE (Butyl Acetate = 1): Not Determined

SOLUBILITY IN WATER (20°): Negligible

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Normally stable at moderately elevated temperatures and pressures.

CONDITIONS TO AVOID: Avoid contact with open flames or heat.

MATERIALS TO AVOID: Avoid contact with strong oxidants.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.



MATERIAL SAFETY DATA SHEET

Page 5 of 6

Date Issued: 08/20/13

MSDS Code: GFST

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SECTION 11 - TOXICOLOGICAL INFORMATION

No information available at the present time.

SECTION 12 - ECOLOGICAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate and remove with inert absorbent.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in an environmentally safe manner and in accordance with governmental regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT CLASSIFICATION: COMBUSTIBLE LIQUID, NOS (AROMATIC HYDROCARBON), 3, NA 1993, PGIII

DOT HAZARD CLASS: Class 65

DOT PACKAGING GROUP: PG III

DOT BULK SHIPPING CLASSIFICATION: COMBUSTIBLE LIQUID, NOS (AROMATIC HYDROCARBON), 3, NA 1993, PGIII

DOT/UN IDENTIFICATION: NA 1993

IMDG CODE: COMBUSTIBLE LIQUID, NOS (AROMATIC HYDROCARBON), 3, NA 1993, PGIII

ADDITIONAL INFORMATION: NMFC CODE: 155250-1

TRANSPORTATION INCIDENT INFORMATION: For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents.

SECTION 15 - REGULATORY INFORMATION

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

TSCA Status: All components are listed in TSCA inventory.

CERCLA Reportable Quantity: This product does not contain any RQ substances.

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act of 1986:

Section 302 Extremely Hazardous Substances: Not an extremely hazardous substance.



MATERIAL SAFETY DATA SHEET

Page 6 of 6

MSDS Code: GFST

Date Issued: 08/20/13

Replaces Issue: 06/30/08

Section 311/312 Hazardous Categories:

Immediate (Acute) Health Effects: Yes

Delayed (Chronic) Health Effects: Yes

Fire Hazard: Yes

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Carcinogenicity Status: Constituents not listed by: IARC, NTP, OSHA.

Section 313 Toxic Chemical Release Reporting:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% in Product</u>
Trimethylbenzenes	95-63-6/108-67-8/526-73-8	3.6%-5.4%
Naphthalene	92-20-3	0.4%-1.7%
Xylene	1330-20-7	0.4%-1.7%
Cumene	98-82-8	0.4%-1.7%

California Proposition 65 Status:

This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm:

Benzene
Naphthalene
Ethylbenzene

SECTION 16 - OTHER INFORMATION

The information and recommendation herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. Prolong Super Lubricants, Inc. does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

Since the conditions for use, handling, storage and disposal of this product are beyond Prolong Super Lubricants' Inc. control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage or expense arising out of the improper use from any statement or omission in this MSDS.

Various government agencies, (e.g. DOT, EPA, FDA, etc.) may have specific policies concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to insure full compliance.

The recipient of a MSDS is responsible for acting in accordance with a risk assessment in regard of the conditions of product use and for taking necessary precautionary measures in a given work situation, and has the responsibility to keep the users informed about the hazards relevant to their individual workplace. The recipient of a MSDS is responsible for choosing the appropriate way of informing the users. When formulating the specific instructions for the workplace, the recipient should consider the general recommendations of the relevant MSDS. Since a MSDS is merely product-related, it cannot take into account all the possible situations that may arise at any given workplace.¹

This MSDS is generated using an ISO 11014-1:994(E) Safety data sheet for chemical products International Standards, PART 1: Section 4 - General Aspects.

¹ Reference from ISO 11014-1:994(E), PART 1: Section 4.