

# SAFETY DATA SHEET

## SECTION 1: Identification

### 1.1 Product identifier

Product name                                      Liquid Performance Fuel System Cleaner  
 Brand    Liquid Performance

### 1.3 Recommended use of the chemical and restrictions on use

Gasoline fuel system cleaner

### 1.4 Supplier's details

Name    Liquid Performance  
 Address    103-A Digby Greene Rd  
     Boones Mill, VA 24065  
     United States

### 1.5 Emergency phone number(s)

Company Phone General Assistance 540-489-2066  
 Emergency Phone US 1-866-836-8855  
 Emergency Phone outside US 1-952-852-4646

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

Combustible Liquid - H227

### 2.2 GHS label elements, including precautionary statements



H227- Combustible liquid  
 P102- Keep out of reach of children  
 P403- Store in a cool dry place

### 2.3 Other hazards which do not result in classification

No other characteristic hazards

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Hazardous components

### Section 3 - Composition / Information on Ingredients

CAS#	EC#	Chemical Names	Percent	Other Identifiers
Proprietary	Proprietary	Component A	40-60%	Component A
Proprietary	Proprietary	Component B	20-30%	Component B
Proprietary	Proprietary	Component C	20-30%	Component C

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Low hazard under normal use
If inhaled	Low risk of toxicity with normal use
In case of skin contact	Wash with water
In case of eye contact	Flush with water and see a physician if irritation persists
If swallowed	Do not induce vomiting. Seek medical attention.
Personal protective equipment for first-aid responder Eye protection and gloves recommended	

### 4.2 Most important symptoms/effects, acute and delayed

Eye irritant

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Ingestion of moderate to large quantities will require medical attention

## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use CO2, Foam, or water

### 5.2 Specific hazards arising from the chemical

Combustible

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedure

Eye protection, gloves recommended

### 6.2 Environmental precautions

Avoid release into streams and waterways

### 6.3 Methods and materials for containment and cleaning up

Absorb with vermiculite

## SECTION 7: Handling and storage

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry place.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Section 8 - Exposure Controls / Personal Protection

Chemical Names	ACGIH- TLV	OSHA - PEL
Component A	300 ppm TWA	300 ppm TWA
Component B	25 ppm	50 ppm
Component C	Not Established	Not Established

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye Protection, Gloves

Thermal hazards None

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	orange liquid
Odor	Solvent
Odor threshold	High
pH	none
Melting point/freezing point	NE
Initial boiling point and boiling range	not available
Flash point	142.7 F
Evaporation rate	Less than water
Flammability (solid, gas)	Combustible
Upper/lower flammability limits	Not established
Upper/lower explosive limits	Not established
Vapor pressure	Less than water
Vapor density	Greater than air
Relative density	0.90 g/cc
Solubility(ies)	insoluble in water
Partition coefficient: n-octanol/water	established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	not available
Explosive properties	None
Oxidizing properties	None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Unreactive under normal conditions

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

Unlikely except with strong oxidizers

### 10.4 Conditions to avoid

temperatures above 62°C, heat, sparks, open flames, other ignition sources

### 10.5 Incompatible materials

Strong oxidizers and perchloric acid

### 10.6 Hazardous decomposition products

Peroxides

## SECTION 11: Toxicological information

### Information on toxicological effects

Calculated Acute Toxicity for this mixture:

ATE oral = 1316 mg/kg

ATE dermal = 1124 mg/kg

ATE inhalation (vapors)= 1923ppm

**Route of Entry:** Inhalation, Ingestion, Absorption, Skin and/or Eye Contact

**Aspiration Hazard:** none

**Inhalation Hazard:** Harmful if Inhaled

**Ingestion Hazard:** Harmful if swallowed

**Skin Corrosion/Irritation:** Causes skin irritation. Repeated exposure may cause skin dryness or cracking

**Serious Eye Damage/Irritation:** Causes serious eye irritation

**Specific Target Organ Toxicity (Single exposure):** May cause drowsiness and dizziness

**Specific Target Organ Toxicity (Repeated exposure):** may cause damage to blood, kidneys, liver, central nervous system

**Signs/Symptoms:** Signs of overexposure can include or cause headache, nausea, dizziness, vomiting, drowsiness, confusion and incoordination. Symptoms may be delayed.

Product Name	Results	Species	Dose	Exposure
Component A	Oral LD50	Rat	2000 mg/kg	non listed
Component A	Inhalation LC50	Rat	7500 ppm	non listed
Component A	Dermal LC50	Rat	2000 mg/kg	non Listed
Component B	Oral LD50	Rat	530 mg/kg	4 hours
Component B	Inhalation LC50	Rat	925 mg/kg	4 hours
Component B	Dermal LC50	Rabbit	500 mg/kg	non listed
Component C	Oral LC50	Rat	5000 mg/kg	non Listed
Component C	Inhalation LC50	Rat	1950 ppm	non listed
Component C	Dermal LC50	Rabbit	3160 ppm	non listed

## Carcinogenicity

Chemical Name	IARC	ACGIH	NTP	OSHA
Component A	Not listed	Not listed	Not listed	Not Listed
Component B	3 not classifiable as a carcinogenicity to humans	A3 - Confirmed animal with unknown relevance to humans	Not listed	Not Listed
Component C	Not listed	Not Listed	Not listed	Not Listed

## SECTION 12: Ecological information

### Toxicity:

This chemical is regarded as toxic to aquatic organisms with long lasting effects and should be prevented from entering waterways

### Persistence and degradability:

Inherently biodegradable

### Bioaccumulative potential:

Has the potential to bioaccumulate

### Mobility:

Spillages may penetrate the soil causing ground water contamination

### Other adverse effects:

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

Product Name	Results	Species	Exposure
Component A	LC/EC/IC50,=10 mg/l	Fish	not listed
Component A	LC/EC/IC50,=10 mg/l	Daphnia	not listed
Component A	LC/EC/IC50,=10 mg/l	Algae	not listed
Component B	LC220 mg/L	Fish	96 hours
Component B	EC50 1,815 mg/L	Daphnia	24 hours
Component C	LC50 900 mg/L	algae	72 hours
Component C	not established	not established	not established

## **SECTION 13: Disposal considerations**

**Disposal of the product - Do not reuse empty container!**  
Dispose in accordance with local, state and federal guidelines

## **SECTION 14: Transport information**

### **HS**

381119

### **SCHEDULE B**

38.11.19.0000

### **DOT (US)**

Combustible Liquids, N.O.S  
Hazard Class 3  
Packing Group III  
UN 1993

### **IMDG**

Combustible Liquids, N.O.S  
Hazard Class 3  
Packing Group III  
UN 1993

### **IATA**

UN 1993  
Combustible Liquid, N.O.S.  
Hazard Class 3  
Packing Group III  
UN 1993

## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations specific for the product in question**

#### **SARA 302**

Not listed

#### **SARA 313**

Component A  
Component C

**TSCA inventory**

All components are listed

**Other Components Listed**

PA - Component A, Component B, Component C NJ - Component A, Component B, Component C  
C MA - Component A, Component B, Component C

**Cal. Proposition 65 components**

Not listed

**HMIS Rating**

Health	2
Flammability	2
Physical hazard	0
Personal protection	D

**NFPA Rating**

Health hazard	2
Fire hazard	2
Reactivity hazard	0
Special hazard	