Rev. 3-27-18

SAFETY DATA SHEET

SECTION 1: Identification

1.1 Product identifier

Product name	Liquid Performance Diesel Doctor
Brand	Liquid Performance

1.3 Recommended use of the chemical and restrictions on use

Diesel fuel additive and stabilizer.

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	90 -94%	Component A
Proprietary	Proprietary	Component B	1 - 4%	Component B
Proprietary	Proprietary	Component C	3 - 6%	Component C
Proprietary	Proprietary	Component D	0.5-2 %	Component D
Proprietary	Proprietary	Component E	0.1-2 %	Component E

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 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
None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedure
Eye protection 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	25 ppm	50 ppm
Component B	Not Established	Not Established
Component C	20 ppm	200 ppm
Component D	Not Established	Not Established
Component E	50 ppm	75 ppm

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

Thermal hazards None

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Clear green liquid
Odor	Solvent
Odor threshold	High
pH	Neutral
Melting point/freezing point	NE
Initial boiling point and boiling range	340 deg F
Flash point	144 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)	Water soluble in all proportions
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	0.8 SI units same as water
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
Avoid spark and flame

10.5 Incompatible materials
Strong oxidizers

10.6 Hazardous decomposition products
Oxides of nitrogen and carbon

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity None

Product Name	Results	Species	Dose	Exposure
Component A	Oral LD50	Rat	530 mg/kg	4 hours
Component A	Inhalation LC50	Rat	925 ppm	4 hours
Component A	Dermal LC50	Rabbit	500 mg/kg	Non Listed
Component B	Oral LD50	Rat	>5,000 mg/kg	Non Listed
Component C	Inhalation LC50	Rat	28830 ppm	1 hour
Component D	Oral LD50	Rat	4680 ppm	Non Listed
Component E	Oral LD50	Rat	2080 mg/kg	Non Listed

Carcinogenicity

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

SECTION 12: Ecological information

Toxicity
Not established but expected to be low

Persistence and degradability
100% biodegradable

Bio accumulative potential
None

Mobility in soil
Not established

Results of PBT and vPvB assessment
Does not bio-accumulate

Product Name	Results	Species	Exposure
Component A	LC220 mg/l	Fish	96 hours
Component A	EC50 1,815 mg/l.	Daphnia	24 hours
Component A	LC50 900 mg/l	Algae	72 hours
Component B	LC50 >100 mg/L	Fish	96 hours
Component C	Not listed	Not listed	Not listed
Component D	LC50 1466 mg/kg	Fish	96 hours
Component D	LC50 7100 mg/kg	Algae	72 hours
Component E	LC50 460 mg/kg	Fish	24 hours

SECTION 13: Disposal considerations

Disposal of the product
Dispose in accordance with local, state and federal guidelines

Disposal of contaminated packaging
Not a hazardous waste

Waste treatment
Absorb onto vermiculite if spilled. Dispose of in accordance with local, state and federal guidelines

Sewage disposal
Non-hazardous and biodegradable. Low organic loading.

Other disposal recommendations
Not a hazardous waste

SECTION 14: Transport information

DOT (US)
Combustible Liquid n.o.s.

IMDG
Combustible liquid

IATA
Combustible liquid

SECTION 15: Regulatory information

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

SARA 302
Not listed

SARA 313
Ethylene Glycol Monobutyl ether

TSCA inventory
All components are listed

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