

Safety Data Sheet

Klotz Synthetic Lubricants, Inc.

1. Product and Supplier Information



Address

Klotz Synthetic Lubricants, Inc.
7424 Freedom Way
Fort Wayne, IN 46818 USA

Product Name :KL-602,KL-628

Manufacturer: Klotz Synthetic Lubricants

Phone Number: 260.490.0489

Emergency Contact: 800.424.9300 Chemtrec

Recommended Use:

Fuel Additive

Restrictions of use:

Not for use in any other than
Fuel Additive

2. Hazard(s) Identification

Osha Hazard Classification: 29 CFR 1910.1200(g)(4)

Ingredients: Petroleum Distillate NOS

Alcohols:0

Tetraethyl Lead: 0.00 g/gal

3. Composition/Information on Ingredients

CAS #	SARA		Material or Component	Range %	Exposure Limits ACGIH	
	313	ppm			TWA	STEL
111-65-9	No	500	Octane	100%	300 ppm	350 ppm

4. First Aid

General Advice: Consult a physician. Show Klotz form **KLHC-SO** to the attending doctor.

Inhalation: Move yourself and/or individual into fresh none stagnant air. Seek medical attention if breathing becomes harder. Vapors from exhaust make irritate breathing passages.

Skin Contact: Wash all areas of contact with hand soap and water. Always wash hands exposed to prevent ingestion. Extended or repeated contact might irritate the skin.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart.

Ingestion: Seek immediate medical attention. Induce vomiting only as directed by physician. Drink water to dilute. Never give anything by mouth to an unconscious person.

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5. Fire Fighting Measures

Flammability Summary(OSHA) No data on combinations. Component data given below.

Flammable

Flammable Properties:	Product
Flash Point:	87°F
Auto ignition Temperature:	No Data
Upper Flammable/Explosive Limit, % in air:	No Data
Lower Flammable/Explosive Limit, % in air:	No Data

Conditions of flammability:

Flammable in the presence of a source of ignition and the liquid product is above the flash point.

Keep away from high heat/ sparks/ open flame/ or hot surface.

Extinguishing Media:

Foam, Dry chemical or carbon dioxide

Fire Fighting Instructions:

In case if fire, call emergency services. Then use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus. Use water to cool containers.

6. Accidental Release Measures

Personal Protection for Emergency Situations:

Eliminate any ignition sources until the area is determined to be free from explosion and fire hazards.

Spill Mitigation Procedures

Air Release: NA

Water Release: This product is soluble in water. Contain all liquid for treatment and /or disposal as a hazardous waste. Notify all downstream users of possible contamination.

Land Release: Create a barrier to stop and prevent of further land. After spill is contained, then use material that is absorbent to soak up all product. All remaining, use a environmentally friendly cleaning soap to clean area.

Additional Spill Information: Stop all contamination as soon as possible and notify appropriate personnel. Use the dispose of spill residues per guidelines Section 13, Disposal Considerations.

7. Handling and Storage

Handling: Be careful when handling to not expose skin, eyes, or mouth to the product.

Storage: Keep in cool dry location with the contain sealed with cap.

Shelf Life Limitations: If product is in the original container with cap sealed away from the oxygen, this product as an indefinite shelf life.

Incompatible Materials for Storage: None

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8. Exposure Controls and Personal Protection

CAS #	Material or Component	Parameter	Value	Source
111-65-9	Octane	TWA	300 ppm	OSHA 1910.100

Table Z-1

Protective Equipment for Routine Use of Product

Skin: Wear impervious gloves to avoid skin contact when handling. Follow a good hygiene practices

Eyes: Always wear protection over your eyes when handling product.

Protective Clothing Type: Impervious

Other: Safety shower and eye bath should at all time be available.

9. Physical Data

Boiling Point: 189°F

Freezing Point: N/A

Melting Point: N/A

Vapor Pressure (mmHg)@20°C: 350-800

Solubility in Water: Very Slow

Evaporation Rate(Water=1):>1

Odor: Pungent

Specific Gravity: .800 @ 60°F

% Volatile By Vol.:100%

Viscosity (cSt @ 100 C): N/A

Vapor Density (Air=1): 3-4

Bulk Density :N/A

Pour Point: N/A

Appearance: Brown Green

10. Stability and Reactivity

Chemical Stability:

Stable under normal conditions

Reactive Properties:

Sensitivity to mechanical shock: None

Hazardous Polymerization: Will not occur

Conditions to avoid: heat/sparks/flame

Chemical Incompatibility: None

Incompatible material: None

Decomposition Temperature: None

Product may be unstable at: Temperatures higher than operating temperature.

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11. Toxicological Information

Component Animal Toxicology	Fuel additive
Oral LD50 Value:	>2000mg/kg
Dermal LD50 Value:	No Data
Inhalation LC50 Value:	>30000 mg/kg
Eye Irritation:	This material is expected to be severely irritating

12. Ecological Information

Lubricant

Ecotoxicity

Acute and Prolonged toxicity to Fish-

Rainbow trout/ LC50 (96 h): > 100 mg/l

Toxicity to Microorganisms: N/A

Not a marine pollutant

Environmental Fate:

Test method: OECD Guideline 301F

Method of Analysis: BOD of the ThOD

Degree of Elimination: >60 % (28 d)

Evaluation: Readily Biodegradable

13. Disposal Considerations

Waste Disposal Summary:

Product as supplied qualifies as "Unlisted Hazardous Waste D001" with the Characteristic of Ignitability

Disposal Methods:

Dispose of in accordance with local, state, and federal regulations for hazardous waste.

Components subject to land ban restrictions:

No Components subject to land ban restrictions

14.1 Transportation Information

Shipping Name:	Petroleum Distillate NOS	Hazard Class: Flammable Liquid
ID Number:	UN 1268	Marking: Petroleum Distillate NOS
Label:	Flammable Liquid	Placard: Petroleum Distillate NOS, UN-1268
IMCO Hazard Class:	3	Packaging Group: II
HMIS Code:	H=1 F=3 R=0	IMCO Page #: 57 2012 Edition
RCRA Classification:	Not a Marine Pollutant	NFPA Code: H=1 F=3 R=0

15. Regulatory Information

Miscellaneous Information: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA) and the Canadian Domestic Substance List (DSL).

16. Other Information

Date of Preparation	Prepared By	Reason for Issue
11/19/2015	Klotz S.F.P., Inc.	Generation 1