

SAFETY DATA SHEET

Fuel Ox, LLC Infinity Lube™

VERSION: 1.1 SDS

DATE: 10 /1/20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Fuel Ox® Infinity Lube™ Super Grease (SG) - Lithium Complex

1.2. Details of the supplier of the safety data sheet

Manufacturer:

Fuel Ox, LLC

1022 Rt 173

Asbury, NJ 08802 USA

info@fuelox.com

1.3. Information department: Technical Department/ Regulatory Compliance

Emergency telephone number:

ChemTel (US, Canada, Puerto Rico, U.S. Virgin Islands) 1-800-255-3924

ChemTel (Mexico) 800-099-0731

1.4. NGLI Rating 2

SECTION 2: Hazards identification

2.1. Classification of the substance mixture

The product is not classified according to the Globally Harmonized System (GHS)

2.2. Label elements

GHS label elements : Void

Hazard pictograms : Void

Signal word : Void

Hazard statements : Void

2.3. Classification system:

NFPA ratings (scale 0 - 4)



Health = 1, Fire = 1, Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 1

Fire = 1

Reactivity = 0

2.4. Other hazards

Results of PBT and vPvB assessment

PBT: *Not applicable.*

vPvB: *Not applicable.*

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SECTION 3: Composition/Information on ingredients

3.1. Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

<i>Dangerous Components:</i>		
68457-79-4	<i>Zinc Dialkylthiophosphate</i>	0.1-2.5%

SECTION 4: First aid measures

4.1. Description of first aid measures

General information : No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist, consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

5.2. Special hazards arising from the substance or mixture No further relevant information available.

5.3. Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Not required.

6.2. Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

- See Section 7 for information on safe handling.

- See Section 8 for information on personal protection equipment.

- See Section 13 for disposal information.

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SECTION 7: Handling and storage

- 7.1. Handlings:
 - 7.1.1. Precautions for safe handling Ensure good ventilation/exhaustion at the workplace Prevent formation of aerosols
- 7.2. Information about protection against explosions and fires: No special measures required.
- 7.3. Conditions for safe storage, including any incompatibilities
 - Storage:
 - Requirements to be met by storerooms and receptacles: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: Keep receptacle tightly sealed.
- 7.4. Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Additional information about design of technical systems:

No further data; see item 7.

8.2. Control parameters

<i>Components with limit values that require monitoring at the workplace:</i>	
64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (50-100%)	
ACGIH TLV	Long-term value: 5 mg/m3
OSHA PEL	Long-term value: 5 mg/m3
64742-01-4 Residual oils (petroleum), solvent-refined (10-25%)	
OSHA PEL	Long-term value: 5 mg/m3
471-34-1 calcium carbonate, precipitated (0.1-2.5%)	
PEL	Long-term value: 15* 5** mg/m3 *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m3 *total dust **respirable fraction
TLV	TLV withdrawn

8.3. Additional information: The lists that were valid during the creation were used as basis.

8.4. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.

Breathing equipment:

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In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Goggles recommended during refilling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information

Appearance:

- Form: Semi-Solid
- Color: Blue

Odor:

- Odor threshold: Petroleum-like
- Not determined.

pH-value:

- Not determined.

Change in condition

- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: Undetermined
- **Flash point:** 244 °C (471 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** > 315°C (> 599°F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
- Lower: Not determined.

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- Upper:	Not determined.
- Vapor pressure:	Not determined.
- Density at 20 °C (68 °F):	0.92699 g/cm ³ (7.736 lbs/gal)
- Relative density	Not determined.
- Vapor density	Not determined.
- Evaporation rate	Not determined.
- Solubility in / Miscibility with	
- Water:	Not miscible or difficult to mix.
- Partition coefficient (n-octanol/water):	Not determined.
- Viscosity:	
- Dynamic:	Not determined.
- Kinematic:	Not determined.
- Solvent content:	
- Organic solvents:	0.0 %
- Water:	0.1 %
- VOC content:	0.5 %
	0.0 g/l / 0.00 lb/gl
- Solids content:	9.5 %
9.2. Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1. Reactivity : No further relevant information available.
- 10.2. Chemical stability
- 10.3. Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- 10.4. Possibility of hazardous reactions
No dangerous reactions known.
- 10.5. Conditions to avoid
No further relevant information available.
- 10.6. Incompatible materials:
No further relevant information available.
- 10.7. Hazardous decomposition products:
No dangerous decomposition products known.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
Acute toxicity

LD/LC50 values that are relevant for classification:		
ATE (Acute Toxicity Estimates)		
Oral	LD50	8513 mg/kg (rat)

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<i>Dermal</i>	LD50	188235 mg/kg (rabbit)
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11.1.1. Primary irritant effect:

on the skin: No irritant effect.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

11.2. Additional toxicological information:

This product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Irritant

11.3. Carcinogenic categories

IARC (International Agency for Research on Cancer)
<i>None of the ingredients is listed.</i>
NTP (National Toxicology Program)
<i>None of the ingredients is listed.</i>
OSHA-Ca (Occupational Safety & Health Administration)
<i>None of the ingredients is listed.</i>

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability No further relevant information available.

Behavior in environmental systems:

12.3. Bioaccumulative potential No further relevant information available.

12.4. Mobility in soil No further relevant information available.

12.5. Additional ecological information:

General notes:

- Water hazard class 1 (Self-assessment): slightly hazardous for water
- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.6. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

Recommendation:

- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

UN-Number

DOT, ADN, IMDG, IATA not regulated

UN proper shipping name

DOT, ADN, IMDG, IATA not regulated

Transport hazard class(es)

DOT, ADN, IMDG, IATA

Class

not regulated

Packing group

DOT, IMDG, IATA not regulated

Environmental hazards:

Marine pollutant: No

Special precautions for user

Not applicable.

Transport in bulk according to Annex II

Of MARPOL73/78 and the IBC Code Not applicable.

UN "Model Regulation":

not regulated

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

68457-79-4 Zinc Dialkylthiophosphate 0,1-2,5%

7664-38-2 phosphoric acid 0,1-2,5%

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

SARA

Section 355 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

68457-79-4 Zinc Dialkylthiophosphate 0,1-2,5%

7664-38-2 phosphoric acid 0,1-2,5%

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

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Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH) None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

GHS label elements**GHS07**

Hazard pictograms *Void.*

Signal word *Void.*

Hazard statements *Void.*

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with other materials or in any process, unless specified in the text.

Date of preparation / last revision 10/01/20

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A