



Safety data sheet

REACH: Regulation (EC) No 1907/2006 (in particular as amended by Regulation (EU) No. 2015/830 with respect to SDSs) & CLP: Regulation (EC) No 1272/2008

Printing date 09.01.2023

Version number 1

Revision: 01.04.2024

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

1.1 Product identifier:

· **Trade name:** Super Lube® Synthetic EAL 100

· **Product number:** NSF Number: 166471

· **REACH Registration number:** Not relevant

· **1.2 Relevant identified uses of the substance or mixture and uses advised against:** No use is specified.

1.3 Details of the supplier of the safety data sheet

Super Lube® Synthetic EAL 100 is an Environmentally Acceptable Lubricant (EAL) that meets the EPA's Vessel General Permit (VGP) standards. It is not bioaccumulative per appendix A of the 2013 VGP standards. Additionally, Super Lube® Synthetic EAL 100 is NSF H1 registered (registration #166471) and meets USDA 1998 H1 guidelines.

Manufacturer/Supplier:

Kano Laboratories LLC

24 DaVinci Drive

P.O. Box 405

Bohemia, NY 11716

Phone #: 631-567-5300

Website: www.super-lube.com



Nonfood Compounds
Program Listed H1
166471

1.4 Emergency telephone number:

1-800-255-3924 (US/Canada), 1-813248-0585 (International), 1-300-954-583 (Australia), 0-800-591-6042 (Brazil), 400-120-0751

(China), 000-800-100-4086 (India), 800-099-0731 (Mexico)

Emergency Contact Service Provider (e.g., CHEMTEL): ChemTel

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.

2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Non-Regulated Material

· **Hazard pictograms** Non-Regulated Material

· **Signal word:** Non-Regulated Material

· **Hazard statements:** Non-Regulated Material

Additional information:

This value refers to knowledge of known, established toxicological or ecotoxicological values.

· **2.3 Other hazards:** None known

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:** Non-Regulated Material

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

(Contd. on page 2)

Safety data sheet

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Version number 1

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Trade name: Super Lube® Synthetic EAL 100

(Contd. of page 1)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:**
When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
- **After skin contact:**
Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.
- **After eye contact:**
Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
- **After swallowing:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.
- **5.3 Advice for firefighters**
Use water spray or fog for cooling exposed containers.
Do not enter fire area without proper protective equipment, including respiratory protection.
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Not required.
Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).
- **For emergency responders**
Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.
Ventilate area.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers, surface or ground water.

(Contd. on page 3)

Safety data sheet

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Revision: 01.04.2024

Trade name: Super Lube® Synthetic EAL 100

(Contd. of page 2)

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

· **6.3 Methods and material for containment and cleaning up:**

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

Dispose of the material collected according to regulations.

Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

· **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.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special measures required.

· **Information about fire and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:** Not required.

· **Hand protection**



Protective gloves

· **Material of gloves:** Not applicable.

· **Penetration time of glove material:** Not applicable.

(Contd. on page 4)

Safety data sheet

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Printing date 09.01.2023

Version number 1

Revision: 01.04.2024

Trade name: Super Lube® Synthetic EAL 100

(Contd. of page 3)

· Eye/face protection



Safety glasses

· Body protection:



Protective work clothing

· Environmental exposure controls None

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

Fluid

· Colour:

Clear to pale yellow

· Odour:

Mild

· Melting point/freezing point:

Not determined.

· Boiling point or initial boiling point and boiling range

Not determined.

· Flammability

Not applicable.

· Lower and upper explosion limit

· Lower:

Not determined.

· Upper:

Not determined.

· Flash point:

>245 °C

· Ignition temperature:

Not applicable

· Decomposition temperature:

Not determined.

· pH

Not determined.

· Viscosity:

· Kinematic viscosity

Not determined.

· Dynamic @ 20 °C:

100 cSt

· Solubility

· water:

Not determined.

· Partition coefficient n-octanol/water (log value)

Not determined.

· Vapour pressure:

Not determined.

· Density and/or relative density

· Density @ 20 °C:

0.95 g/cm³

· Relative density:

Not determined.

· Vapour density:

Not determined.

· 9.2 Other information

· Appearance:

· Form:

Fluid

(Contd. on page 5)

Safety data sheet

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Revision: 01.04.2024

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(Contd. of page 4)

· **Important information on protection of health and environment, and on safety.**

· **Auto-ignition temperature:**

Product is not self-igniting.

· **Explosive properties:**

Product does not present an explosion hazard.

· **Change in condition**

· **Evaporation rate:**

Not determined.

· **Information with regard to physical hazard classes**

· **Explosives**

Non-Regulated Material

· **Flammable gases**

Non-Regulated Material

· **Aerosols**

Non-Regulated Material

· **Oxidising gases**

Non-Regulated Material

· **Gases under pressure**

Non-Regulated Material

· **Flammable liquids**

Non-Regulated Material

· **Flammable solids**

Non-Regulated Material

· **Self-reactive substances and mixtures**

Non-Regulated Material

· **Pyrophoric liquids**

Non-Regulated Material

· **Pyrophoric solids**

Non-Regulated Material

· **Self-heating substances and mixtures**

Non-Regulated Material

· **Substances and mixtures, which emit flammable gases in contact with water**

Non-Regulated Material

· **Oxidising liquids**

Non-Regulated Material

· **Oxidising solids**

Non-Regulated Material

· **Organic peroxides**

Non-Regulated Material

· **Corrosive to metals**

Non-Regulated Material

· **Desensitised explosives**

Non-Regulated Material

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** No further relevant information available.

· **10.2 Chemical stability:** Product is stable under normal conditions.

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions:** No dangerous reactions known.

· **10.4 Conditions to avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.

· **10.5 Incompatible materials:** Strong acids, strong bases, strong oxidizers.

· **10.6 Hazardous decomposition products:**

Thermal decomposition may produce : Carbon oxides (CO, CO₂). Toxic fumes.

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

· **Acute toxicity**

· **LD/LC50 values relevant for classification:** No data available.

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients are listed.

(Contd. on page 6)

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(Contd. of page 5)

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR/ADN, IMDG, IATA** Non-Regulated Material
- **14.2 UN proper shipping name**
- **ADR/ADN, IMDG, IATA** Non-Regulated Material
- **14.3 Transport hazard class(es)**
- **ADR/ADN, ADN, IMDG, IATA**
- **Class** Non-Regulated Material
- **14.4 Packing group**
- **ADR/ADN, IMDG, IATA** Non-Regulated Material
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU** Substance is not listed.

(Contd. on page 7)

Safety data sheet

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(Contd. of page 6)

· **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· **National regulations:**

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

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

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **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)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**

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