



SAFETY DATA SHEET

MOLIGA Li-X BLUE GREASE 3

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Date of First Publication : 10.02.2009

Revision Date : 06.12.2025

Revision Number : 07

SDS Number : KG-F-285

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SECTION 1 : IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier	Trade Name : MOLIGA Li-X BLUE GREASE 3 Product Form : Mixture EC No. : Not available CAS No. : Not available REACH Registration No. : Not available
1.2 Relevant identified uses of the substance or mixture and uses advised against	Identified uses: Grease
1.3 Details of the supplier of the safety data sheet	GÜZEL ENERJİ AKARYAKIT A.Ş. 10013 Sokak No.: 6 A.O.S.B. Çiğli/İZMİR Tel: 0 232 328 10 36 Faks: 0 232 328 20 82 e-mail: moillaboratuvar@guzelenerji.com.tr
1.4 Emergency telephone number	Güzel Enerji Akaryakıt A.Ş.: 0 232 328 10 36 UZEM (National Poison Consultancy Center): 114

SECTION 2 : HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin sensitisation, Category 1 H317

Adverse physicochemical, human health May cause an allergic skin reaction.

2.2 Label elements

Pictograms:



Signal Words: Warning

Hazardous ingredients: Dihydro-3-(tetrapropenyl)furan-2,5-dione



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Hazard statements (SEA)

H317 - May cause an allergic skin reaction.

Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P321 - Specific treatment (see on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P501: Dispose of contents/container to local regulation.

2.3 Other hazards

No additional information available

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical Composition	CAS No.	EC No.	Concentration	Classification
Dilithium sebacate	19370-86-6	242-999-8	≥10 – <25	Acute Tox. 4 (Oral), H302
Dihidro-3-(tetrapropenil) furan-2,5-dion	26544-38-7	247-781-6	≥0,1 – <1	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 4, H413

REACH No.: Not available.

Additional information:

The Full Text for all Hazard Statements are Displayed in Section 16.

SECTION 4 : FIRST AID MEASURES

4.1 Description of first aid measures

EYE CONTACT: Rinse eyes with water as a precaution.



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SKIN CONTACT: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing

INGESTION: Call a poison center or a doctor if you feel unwell

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 : FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Toxic fumes may be released.

5.3 Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus. Complete protective clothing. Refrigerate closed containers near the fire source. The water used to extinguish the fire goes to the sewer, soil or Do not allow to enter waterways. Treat used water as dangerous. Where it can be done safely, Remove undamaged containers from imminent danger.

Treat used water as dangerous. Where it can be done safely, Remove undamaged containers from imminent danger.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not attempt to take action without suitable protective equipment.



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6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Mechanically recover the product.

6.4 Reference to other sections

For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet.

For guidance on disposal of spilled material see Chapter 13 of this Safety Data Sheet.

SECTION 7 : HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. As in general storage conditions, contact with heat, radiation, electricity and food should be avoided. Store in a dry and well-ventilated place.

7.3 Specific end use(s)

No additional information available

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No additional information available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation of the work station



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8.2.2 Individual protection measures, such as personal protective equipment

Personal protective equipment symbol(s)



Eye protection

Safety glasses

Skin protection

Wear suitable protective clothing

Hand protection

Protective gloves, Nitril rubber gloves

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.3 Environmental exposure controls

Avoid release to the environment

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Homogeneous grease
Colour	: Blue
Odour	: Characteristic
Odour Threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate	: No data available
Melting point	: No data available
Freezing Point	: Not applicable



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Boiling point	: >300 °C ISO 3016
Flash Point °C	: >200 °C ISO 2592
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No flammable
Vapour Pressure	: No data available
Relative Vapour Density at 20 °C	: Data not available
Relative Density	: No data available
Density	: No data available
Solubility	: No data available
Partition Coefficient	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: Not applicable

9.2 Other information

Dropping Point : 250 °C (ASTM D2265)

SECTION 10 : STABILITY AND REACTIVITY

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

10.4 Conditions to avoid

No under recommended storage and handling conditions.



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10.5 Incompatible materials

Strong acids. Strong bases. Oxidizing agent.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Dihidro-3-(tetrapropenil) furan-2,5-dion (26544-38-7)

LD50 oral (rat)

2900 mg/kg bodyweight animal: rat, Animal sex: male Guideline: OECD Guideline 423 (Acute Oral toxicity – acute Toxic Class Method), 95% CL:2-4

Dilithium sebacate (19370-86-6)

LD50 oral (rat)

>300 mg/kg bodyweight animal: rat, Animal sex: female Guideline: OECD Guideline 420 (Acute Oral Toxicity – Fixed Dose Method)

LD50 dermal (rat)

>2000 mg/kg bodyweight animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B:3 (Acute Toxicity (Dermal)), Remarks on results: other

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Dihidro-3-(tetrapropenil)furan-2,5-dion (26544-38-7)

NOAEL (oral, rat, 90 days)

50 mg/kg bodyweight animal: rat, guideline: other, guideline: other

Aspiration hazard : Not classified



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SECTION 12 : ECOLOGICAL INFORMATION

12.1 Toxicity

- Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment
- Hazardous to the aquatic environment : Not classified. Based on available data, the classification criteria are not met short-term (acute)
- Hazardous to the aquatic environment : Not classified. Based on available data, the classification criteria are not met short-term (chronic)

Dihidro-3-(tetrapropenil)furan-2,5-dion (26544-38-7)

LC50 - Fish [1]	>100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 96h - Algae [1]	110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	160 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Dihidro-3-(tetrapropenil)furan-2,5-dion (26544-38-7)

LC50 - Fish [1]	>100 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustacea [1]	>100 mg/l Test organisms (species): Daphnia magna

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

Other adverse effects : No additional information available



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SECTION 13 : DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of by incineration or other suitable means under conditions approved by the local authority or via licensed waste disposal contractor.

Waste no time to be spilled to the environment and waterways.

Dispose of packaging or containers in accordance with local regional national and international regulations.

SECTION 14 : TRANSPORT INFORMATION

14.1 UN number

Not regulated for transport (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.2 UN proper shipping name

Not regulated (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.3 Transport hazard class(es)

Not regulated (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.4 Packing group

Not regulated (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.5 Environmental hazards

Not regulated (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.6 Special precautions for user

Not regulated

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15 : REGULATORY INFORMATION

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

Applicable EU Directives and Regulations:

Regulation (EC) No 1907/2006 - REACH

Regulation No 1272/2008 – CLP (Regulation on classification, labelling and packaging)

Commission Regulation (EU) 2020/878

ECHA Guidance on the compilation of safety data sheets

15.2 Chemical safety assessment

There is no chemical safety assessment application.



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SECTION 16 : OTHER INFORMATION

Abbreviations and acronyms

ADR	: International Carriage of Dangerous Goods by Road
ADNR	: Carriage of Dangerous Goods by Inland Waterways
RID	: Regulations Relating to International Carriage of Dangerous Goods by Rail
IMDG	: International Maritime Dangerous Goods
ICAO-TI	: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IATA	: International Air Transport Association
ACGIH	: American Conference of Governmental Industrial Hygienists
ASTM	: American Society for Testing and Materials
CAS	: Chemical Abstracts Service
GHS	: Globally Harmonised System of Classification and Labelling of Chemicals
OEL	: Occupational Exposure Limit
TWA	: Time-Weighted Average.
STEL	: Short term exposure limit
PBT	: Persistent, Bioaccumulative and Toxic
vPvB	: Very Persistent and very Bioaccumulative
MARPOL 73/78	: International Convention for the Prevention of Pollution From Ships

Wording of the H-statements in section 2 and 3:

H302	: Harmful if swallowed
H317	: May cause an allergic skin reaction
H319	: Harmful to aquatic life with long lasting effects
H413	: May cause long lasting harmful effects to aquatic life

Full text of other abbreviations

Acute Tox. 4 (Oral)	: Acute toxicity (oral), Category 4
Aquatic Chronic 4	: Hazardous to the aquatic environment – Chronic Hazard, Category 4
Eye Irrit. 2	: Serious eye damage/eye irritation, Category 2
Skin Sens. 1A	: Skin sensitisation, category 1A

Revision Comments

Product name change



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Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations.

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