



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 1 of 11

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

1.1 Product identifier	Trade Name : MOLIGA MOLY GREASE 1 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

Not classified

Adverse physicochemical, human health : This product does not present any particular risk, provided it is
and environmental effects handled in accordance with good occupational hygiene and safety practice.

2.2 Label elements

Classification according to Regulation (EC) No 1272/2008

No labelling applicable

Signal Words: No marker words



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 2 of 11

2.3 Other hazards

No additional information available

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Highly refined base oil (IP 346 DMSO extraction, <3%). Special performance additives.

Chemical Composition	CAS No.	EC No.	Concentration	Classification
Naphthenic acids	1338-24-5	215-662-8	≥0,1 –< 1%	Skin Irrit.2 ; H315, Eye Irrit.2 ; H319 Skin Sens. 1 ; H317

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.

SKIN CONTACT: Wash skin with plenty of water

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

No additional information available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 3 of 11

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.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate spillage area. Do not attempt to take action without suitable protective equipment.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Mechanically recover the product. Dispose of materials or solid residues at an authorized site.

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.

Wear personal protective equipment.

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 4 of 11

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

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

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

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 5 of 11

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	: Black
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
Boiling point	: No data available
Flash Point °C	: Not applicable
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 : 180 °C (ASTM D2265)



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 6 of 11

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.

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 (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 7 of 11

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Naphthenic acids (1338-24-5)

NOAEL (oral, rat, 90 days)

302 mg/kg bodyweight animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other:

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

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)

Naphthenic acids (1338-24-5)

LC50 - Fish [1]

≈ 5,62 mg/l Test organisms (species): Pimephales promelas

EC50 - Crustacea [1]

≈ 20 mg/l Test organisms (species): Daphnia magna

EC50 72 sa - Algae [1]

≈ 29,6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

EC50 72 sa - Algae [2]

≈ 17,7 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

EC50 96 sa - Algae [1]

≈ 29,9 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

EC50 96 sa - Algae [2]

≈ 18,1 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

NOEC (chronic)

4,1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2 Persistence and degradability

No additional information available



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 8 of 11

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

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)



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 9 of 11

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.

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



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 10 of 11

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:

H315 : Causes skin irritation
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
EUH208 : Contains Naphthenic acids. May cause an allergic reaction
EUH210 : Safety data sheet available on request

Full text of other abbreviations

Eye Irrit.2 : Serious eye damage/eye irritation , Category 2
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitisation, Category 1

Revision Comments

Product name change

Issued by

Name and Surname : Arzu GÜRBİYİK (Chemical Assessment Specialist)
Certificate Type : Chemical Assessment Specialist Certificate
Certificate Number : TÜV/11.227.01
Certificate Validity Date : 22.12.2028
Contact Information : arzu.gurbiyik@guzelenerji.com.tr



SAFETY DATA SHEET

MOLIGA MOLY GREASE 1

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

Date of First Publication : 14.06.2013

Revision Date : 06.12.2025

Revision Number : 03

SDS Number : KG-F-296

Page 11 of 11

Warning

The information presented about health safety and environment issues in this safety data sheet was given by considering of best knowledge and reliable sources at the date of its preparation. Although maximum effort was shown, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

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

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practise any patented invention without a valid licence.

The GÜZEL ENERJİ AKARYAKIT A.Ş. shall not be responsible for any damage or injury resulting from abnormal use of the material from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.