

# Safety data sheet (English translation without any country-specific legislation) according to 1907/2006/EC, Article 31

Printing date 03.01.2023

Rev. n. 1

Revision: 03.01.2023

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

- **1.1 Product identifier**
  - Trade name: **GRASSO AL BISOLFURO DI MOLIBDENO**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
  - Application of the substance / the mixture Grease
- **1.3 Details of the supplier of the safety data sheet**
  - Manufacturer/Supplier:  
EMAK S.p.A.  
Via Fermi, 4  
42011 BAGNOLO IN PIANO (RE)  
Tel. +39 0522 956611
  - Further information obtainable from: EMAK S.p.A. - E-mail: [schedesicurezza@emak.it](mailto:schedesicurezza@emak.it)
- **1.4 Emergency telephone number:**  
ITALY - POISONS CENTRES (24h / 365d):
  - Milano - Azienda Ospedaliera Niguarda Ca' Granda - Tel. +39 02 66101029
  - Pavia - Centro Nazionale d'Informazione Tossicologica - IRCCS Fondazione Salvatore Maugeri Clinica del Lavoro e della riabilitazione - Tel. +39 0382 24444
  - Firenze - Azienda Ospedaliera Universitaria "Careggi" U.O. Tossicologia Medica - Tel. +39 055 7947819
  - Bergamo - Azienda Ospedaliera "Papa Giovanni XXIII", tossicologia clinica - Tel. +39 800 883300
  - Roma - CAV Policlinico "Umberto I", PRGM tossicologia d'urgenza - Tel. +39 06 49978000
  - Roma - CAV del Policlinico "Agostino Gemelli", Servizio di tossicologia clinica - Tel. +39 06 3054343
  - Roma - CAV "Ospedale Pediatrico Bambino Gesù", dipartimento emergenza e accettazione DEA - Tel. +39 06 68593726
  - Foggia - Azienda Ospedaliera Universitaria riuniti, Foggia - Tel. +39 800 183459
  - Napoli - Azienda Ospedaliera "Antonio Cardarelli", III Servizio di anestesia e rianimazione - Tel. +39 081 5453333
  - Verona - CAV dell'Azienda ospedaliera integrata (AOUI) di Verona sede di Borgo Trento - Tel. +39 800 011858

## 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 CLP regulation.
- **2.2 Label elements**
  - Labelling according to Regulation (EC) No 1272/2008 Void
    - Hazard pictograms Void
    - Signal word Void
    - Hazard statements Void
- **2.3 Other hazards**
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
  - Description: Mixture consisting of non-hazardous substances
  - Dangerous components: Void
  - Additional information: For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

- **4.1 Description of first aid measures**
  - After inhalation: Supply fresh air; consult doctor in case of complaints.
  - After skin contact:  
Immediately wash with water and soap and rinse thoroughly.  
Generally the product does not irritate the skin.  
If skin irritation continues, consult a doctor.

**Safety data sheet (English translation without any country-specific legislation)**

according to 1907/2006/EC, Article 31

Printing date 03.01.2023

Rev. n. 1

Revision: 03.01.2023

**Trade name: GRASSO AL BISOLFURO DI MOLIBDENO**

(Contd. of page 1)

- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **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** No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
  - **Protective equipment:**

Do not inhale explosion gases or combustion gases.  
Wear fire-fighting clothing
  - **Additional information**

Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.  
Clean the affected area carefully; suitable cleaners are:  
Warm water  
Dispose of the material collected according to regulations.
- **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** Use only in well ventilated areas.
  - **Information about fire - and explosion protection:**

The product is not flammable.  
Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:**

Store in a cool location.  
Store only in the original receptacle.
    - **Information about storage in one common storage facility:** Store away from foodstuffs.
    - **Further information about storage conditions:** Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

EU

(Contd. on page 3)

**Safety data sheet (English translation without any country-specific legislation)**

according to 1907/2006/EC, Article 31

Printing date 03.01.2023

Rev. n. 1

Revision: 03.01.2023

Trade name: GRASSO AL BISOLFURO DI MOLIBDENO

(Contd. of page 2)

**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:**  
Do not eat or drink while working.  
Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not necessary under normal conditions of use.
- **Hand protection**  
Preventive skin protection by use of gloves is recommended.



Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Body protection:** Light weight protective clothing

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Solid
- **Colour:** Black
- **Odour:** Specific type
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** >180 °C (ASTM D566)
- **Boiling point or initial boiling point and boiling range** Undetermined.
- **Flammability** Non-flammable mixture
- **Lower and upper explosion limit**
- **Lower:** Not applicable.  
The product is solid.
- **Upper:** Not applicable.  
The product is solid.
- **Flash point:** >230 °C  
(ASTM D93 - lower value base oil)
- **Decomposition temperature:** Not applicable.  
Mixture is not self-reactive, does not contain organic peroxides and does not decompose under the foreseen conditions of use
- **pH** Not applicable.  
Mixture is non-soluble (in water).
- **Viscosity:**
- **Kinematic viscosity** Not applicable.
- **Solubility**
- **water:** Insoluble.
- **Partition coefficient n-octanol/water (log value)** Not applicable.  
The product is a mixture.
- **Vapour pressure:** Not applicable.
- **Density and/or relative density**
- **Density at 15 °C:** 0.9 g/cm<sup>3</sup> (ASTM D1298)

(Contd. on page 4)

EU



**Safety data sheet (English translation without any country-specific legislation)**

according to 1907/2006/EC, Article 31

Printing date 03.01.2023

Rev. n. 1

Revision: 03.01.2023

Trade name: **GRASSO AL BISOLFURO DI MOLIBDENO**

(Contd. of page 4)

- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

**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**
  - **Remark:** Toxic for fish
  - **Additional ecological information:**
    - **General notes:**
      - Also poisonous for fish and plankton in water bodies.
      - Toxic for aquatic organisms
      - Water hazard class 1 (German Regulation) (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.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
  - **Recommendation** Disposal must be made according to official regulations.
- **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |   |                 |
|---|-----------------|
| · <b>14.1 UN number or ID number</b><br>· ADR, IMDG, IATA                     | Void            |
| · <b>14.2 UN proper shipping name</b><br>· ADR, IMDG, IATA                    | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· ADR, ADN, IMDG, IATA<br>· Class | Void            |
| · <b>14.4 Packing group</b><br>· ADR, IMDG, IATA                              | Void            |
| · <b>14.5 Environmental hazards:</b>  | Not applicable. |

(Contd. on page 6)

**Safety data sheet (English translation without any country-specific legislation)**

according to 1907/2006/EC, Article 31

Printing date 03.01.2023

Rev. n. 1

Revision: 03.01.2023

Trade name: **GRASSO AL BISOLFURO DI MOLIBDENO**

(Contd. of page 5)

- |   |                 |
|---|-----------------|
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                       | Void            |

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Regulation (EC) No 1907/2006 (REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals)  
Regulation (EC) No 1272/2008 (CLP - Classification, Labelling and Packaging of substances and mixtures)  
Compilation of Safety Data Sheet: Reg.UE n. 878/2020 (amending Reg.EC n.1907/2006, Annex II)

- **Directive 2012/18/EU (Seveso)**
  - **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **REGULATION (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **REGULATION (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **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.

- **Contact:** EMAK S.p.A.

- **Abbreviations and acronyms:**

LC50: Lethal concentration, 50 percent  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
CLP: Classification, Labelling and Packaging  
TLV: Threshold Limit Value  
TLV-TWA: Threshold Limit Value - Time Weighted Average  
TLV-STEL: Threshold Limit Value - Short Term Exposure Limit  
PEL: Permissible Exposure Limits (Limiti di esposizione consentiti)  
REL: Recommended Exposure Limits (Limiti di esposizione raccomandati)  
IOELV: Indicative Occupational Exposure Limit Value  
WEELS: Workplace Environmental Exposure Limits (Limiti di esposizione ambientale sul posto di lavoro)  
BEI: Biological Exposure Indices  
LC50: Lethal Concentration, 50 percent  
EC50: Effective Concentration, 50 percent  
ErC50: Effective Concentration, 50 percent, reduction of growth rate  
LL50: Lethal Loading, 50 percent  
EL50: Effective Loading, 50 percent  
NOEC: No-Observed Effect Concentration  
NOELR: No Observed Effect Loading Rate  
Kow: Octanol-Water partition coefficient  
BCF: BioConcentration Factor  
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
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

(Contd. on page 7)

EU

**Safety data sheet (English translation without any country-specific legislation)**

according to 1907/2006/EC, Article 31

Printing date 03.01.2023

Rev. n. 1

Revision: 03.01.2023

---

**Trade name: GRASSO AL BISOLFURO DI MOLIBDENO**

---

(Contd. of page 6)

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

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

WGK: Wassergefährdungsklasse - Water hazard class, Germany

---

EU

---