

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

- 1.1 **Product Identifier:** Gel Lubricant
Other means of identification: GLG-1000
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:**
Identified uses: To facilitate cable passage during installation/replacement, reducing friction between cable and tube.
Industrial use only
Uses advised against: Not specified
- 1.3 **Details of the supplier of the safety data sheet:**
Argon.Lda
Rua Noé Pereira,473
4510-706 Gondomar, Portugal
Tel.: +351 22 466 42 00
geral@argon.pt
<https://argon.pt/>
- 1.4 **Emergency telephone number:**
Poison Information Centre (CIAV), Emergency Number +351 800 250 250 (24h)
National Institute for Medical Emergency (INEM), Emergency Number 112 (24h)

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 **Classification of the substance or mixture:**
The product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP) and its amendments.
- 2.2 **Label elements:**
Labelling according to Regulation (EC) No 1272/2008
Pictograms:
N/A
Hazard statements:
N/A
Precautionary statements:
N/A
- 2.3 **Other hazards:**
The product does not contain any substances assessed as PBT or vPvB in a concentration $\geq 0.1\%$.
The product does not contain substances with endocrine disrupting properties in a concentration $\geq 0.1\%$.

SECTION 3: COMPOSITION/INFORMATION ON COMPONENTS **

- 3.1 **Substances:**
Not Applicable

3.2 Mixtures:

The product does not contain any substances classified as hazardous to human health or the environment, according to Regulation (EC) No 1272/2008 (CLP) and its amendments, in concentrations that require declaration.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

No specific measures required.
The application of good industrial hygiene practices is recommended.

4.2 Most important symptoms and effects, both acute and delayed:

No known information regarding symptoms or effects caused by the product.

4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

General information:
Conventional type: carbon dioxide, foam, and sprayed water.

Unsuitable extinguishing agents:
No relevant information available.

5.2 Special hazards arising from the substance or mixture:

Do not inhale combustion products.

5.3 Advice for firefighters:

General information:
Cool containers with water spray to avoid product decomposition and formation of potentially hazardous substances.
Always use appropriate protective equipment.
Do not allow contaminated water to enter drains or the environment.
Retain contaminated water and treat according to current environmental regulations.

Special protective equipment for fire-fighting personnel:

The full suit for fire intervention includes:
- Firefighting kit (BS EN 469)
- Gloves (BS EN 659)
- Boots (HO Specification A29 and A30)

This equipment should be used in conjunction with open-circuit positive pressure compressed air self-contained breathing apparatus (BS EN 137).

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:**
Personnel not involved in the emergency response:
Use respiratory protection if vapors are released into the air.
- 6.2 Environmental precautions:**
Avoid contact with water bodies or sewage systems. In case of contact, notify the appropriate authorities.
- 6.3 Methods and materials for containment and cleaning up:**
Collect the product with absorbent material. Clean the remainder with water jets.
Contaminated material must be disposed of according to section 13.
- 6.4 Reference to other sections:**
Check section 8 for information on personal protective equipment.
Check section 13 for information on waste treatment.






SECTION 7: HANDLING AND STORAGE



- 7.1 Precautions for safe handling:**
Protection measures:
Before handling the product, consult all sections of this safety data sheet.
Prevent leaks from the container.

General hygiene recommendations:
Eating, drinking, and smoking must be prohibited in the area where the product is handled, stored, or processed.
- 7.2 Conditions for safe storage, including any incompatibilities:**
Store in tightly sealed original containers.
Keep containers away from incompatible materials (see section 10 for more details).
- 7.3 Specific end use(s):**
No further relevant information available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:**
Regulatory references:

	DEU	Germany	Technical Rules for Hazardous Substances (TRGS 900) - List of occupational exposure limit values and short-term values. MAK and BAT list 2020, Senate Standing Committee on the Evaluation of Substances Hazardous to Health, Communication 56.
	DNK	Denmark	Decree on limit values for substances and materials - BEK no. 1458 of 13/12/2019.
	ESP	Spain	Occupational exposure limits for chemical agents in Spain 2021.
	NOR	Norway	Regulation on amending the regulation on limit values and measures for physical and chemical factors in the working environment, as well as infection risk groups for biological factors (Regulation on limit values and measures), 21 August 2018, no. 1255.
	NLD	Netherlands	Working Conditions Regulation. List of legal limit values pursuant to articles 4.3, first paragraph, and 4.16, first paragraph, of the Working Conditions Ordinance.

 SWE	Sweden	Hygienic limit values, regulations and general guidelines of the Labour Inspectorate on hygienic limit values (AFS 2018:1).
 SVN	Slovenia	Regulations on the protection of workers from risks due to exposure to chemical substances at work (Official Gazette of the Republic of Slovenia, nos. 100/01, 39/05, 53/07, 102/10, 43/11 - ZVZD-1, 38/15, 78/18 and 78/19).

TRIETHANOLAMINE

Limit Value Table						
Type	Country	TWA/8h		STEL/15min		Observations
		mg/m ³	ppm	mg/m ³	ppm	
AGW	DEU	1	-	-	-	INHAL
MAK	DEU	1	-	-	-	INHAL
TLV	DNK	3.1	0.5	-	-	-
VLA	ESP	5	-	-	-	-
TLV	NOR	5	-	-	-	-
TGG	NLD	5	-	-	-	-
NGV/KGV	SWE	5	0.8	10 (C)	1.6 (C)	SKIN
MV	SVN	5	-	-	-	INHAL
TLV-ACGIH	-	5	-	-	-	-

Legend:

(C) – Ceiling

INHAL – Inhalable fraction

SKIN – Skin absorption fraction

8.2

Exposure control:

Appropriate engineering controls:

Follow usual safety measures applicable to handling chemical substances.

Individual protection measures, including personal protective equipment:

A – Hand protection:

No protection needed.

B – Skin protection:

No protection needed.

C – Eye protection:

No protection needed.

D – Respiratory protection:

If the exposure limit (e.g., TLV, TWA) is exceeded for this substance or any substances in the product, a mask with a type A filter must be used. Filters (1, 2, or 3) must be chosen according to the concentration limits set by EN 14387.

In the presence of gases or vapors combined with particulate matter (such as aerosols, fumes, mists, etc.), combined filters must be used.

When exposure cannot be reasonably limited by standard technical measures, or when short-duration tasks are being performed, the use of protective masks may be required.

If the substance has a low odor threshold or similar to the TLV/TWA, or in emergency situations, an autonomous breathing apparatus or an open-circuit compressed air apparatus (according to EN 137) must be used.

To select the correct respiratory protective equipment, refer to EN 529.

Environmental exposure control: Emissions generated by manufacturing processes, including those generated by ventilation equipment, must be checked to ensure compliance with environmental standards.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

General Information:

Colour:	Blue
Odour:	No odour
Melting point/freezing point:	< -5 °C
Initial boiling point and boiling range:	> 100 °C (>392°F)
Flammability:	Not flammable
Upper/lower flammability or explosive limit:	Not applicable
Flash point:	> 100 °C
Autoignition temperature:	Not applicable
Decomposition temperature:	c
pH:	pH7
Kinematic viscosity:	Kinematics: Not applicable
Dynamic viscosity:	36000 cps
Solubility(s):	Soluble in water
Partition coefficient n-octanol/water	Not available
Vapour pressure:	12.65 mmHg
Density/vapour density:	1
Vapour density:	Not available

Particle Characteristics

Median particle size	Não Aplicável
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9.2 Other information:

Information regarding hazard class characteristics:
Not available

Other safety characteristics:

Total Solids (250°C / 482°F)	0%
VOC (Directive 2010/75/EU)	10.76 % - 107.60 g/litre
VOC (volatile carbon)	723.67 g/litre
Explosive properties	N/A
Oxidising properties	N/A

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Under normal usage conditions, no hazardous reactions with other substances are expected.

10.2 Chemical stability:

The product is stable under normal usage and storage conditions.

- 10.3 **Possibility of hazardous reactions:**
Under normal storage and use conditions, no hazardous reactions are expected.
- 10.4 **Conditions to avoid:**
No particular conditions. However, general precautions applied to chemical products should be observed.
- 10.5 **Incompatible materials:**
No specific data available.
- 10.6 **Hazardous decomposition products:**
No specific data available.

SECTION 11: TOXICOLOGICAL INFORMATION

According to currently available data, this product has not yet caused health damage. Nevertheless, it should be handled according to good industrial hygiene practices.

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

Metabolism, toxicokinetics, mechanism of action, and other information:
Critérios de classificação não disponíveis

Information on possible routes of exposure:
Classification criteria not available

Immediate and delayed effects, as well as chronic effects from short and long-term exposure:
Classification criteria not available

Interactive effects:
Classification criteria not available

Acute toxicity:

ATE (Inhalation of the Mixture)	Not classified (no significant components)
ATE (Oral) of the mixture	Not classified (no significant components)
ATE (Dermal) of the mixture	Not classified (no significant components)

Corrosion/Irritation:
Does not meet classification criteria for this hazard class.

Serious eye damage/eye irritation:
Does not meet classification criteria for this hazard class.

Respiratory or skin sensitisation:
Does not meet classification criteria for this hazard class.

Germ cell mutagenicity:
Does not meet classification criteria for this hazard class.

Carcinogenicity:
Does not meet classification criteria for this hazard class.

Reproductive toxicity:
Does not meet classification criteria for this hazard class.



SAFETY DATA SHEET

(Regulation (EC) No 1907/2006 – REACH)

DATE.: 06/2025
VERSION.: 00

STOT – Single exposure:

Does not meet classification criteria for this hazard class.

Repeated dose toxicity:

Does not meet classification criteria for this hazard class.

Aspiration hazard:

Does not meet classification criteria for this hazard class.

11.2 **Information on other hazards:**

Based on available data, the product does not contain substances listed in major European lists of potential endocrine disruptors with effects on human health currently under assessment.

SECTION 12: ECOLOGICAL INFORMATION

12.1 **Toxicity:**

Classification criteria not available

12.2 **Persistence and degradability**

Classification criteria not available

12.3 **Bioaccumulative potential**

Classification criteria not available

12.4 **Mobility in soil**

Classification criteria not available

12.5 **Results of PBT and vPvB assessment**

Based on available data, the product does not contain any PBT or vPvB substances at $\geq 0.1\%$.

12.6 **Endocrine disrupting properties:** Based on available data, the product does not contain substances listed in major European lists of potential endocrine disruptors with environmental effects currently under assessment.

12.7 **Other adverse effects**

Classification criteria not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 **Waste treatment methods**

Recycling, when possible. Clean product residues should be considered non-hazardous waste. Final disposal should be carried out by authorized companies in accordance with national waste regulations.

Contaminated packaging

Contaminated packaging should be recovered or disposed of in accordance with national waste legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 **UN number**

N/A

14.2 Information on other dangers:

N/A

14.3 Transport hazard classes:

N/A

14.4 Packaging group:

N/A

14.5 Environmental hazards:

N/A

14.6 Special precautions for user:

N/A

14.7 Maritime bulk transport in accordance with IMO instruments:

N/A

SECTION 15: REGULATORY INFORMATION

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

Chemical safety assessment – Directive 2012/18/EU:

N/A

Restrictions related to products or substances contained, under Regulation (EC) No 1907/2006:

N/A

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors:

N/A

Substances on the candidate list (Art. 59 of REACH):

Com base nos dados disponíveis, o produto não contém qualquer SVHC em percentagem \geq a 0,1%.

Substances subject to authorisation (Annex XIV of REACH):

N/A

Substances subject to export reporting under Regulation (EU) 649/2012:

N/A

Substances subject to the Rotterdam Convention:

N/A

Substances subject to the Stockholm Convention:

N/A

Sanitary controls:

N/A

15.2 Chemical safety assessment

This product contains substances for which chemical safety assessments are still required

SECTION 16: OTHER INFORMATION**Abbreviations and acronyms**

CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
STOT	Target Organ Specific Toxicity
ADR/RID	European Agreement for the Transport of Dangerous Goods by Road and Rail
N/A	Not Applicable
PBT	Persistent, Bioaccumulative and Toxic
MPmB/VpVb	Very Persistent and Very Bioaccumulative
ATE	Acute Toxicity Estimate CAS CAS
CIAV	Poisons Information Centre
INEM	National Institute for Medical Emergency
EC	European Community Number

Declaration of exoneration and responsibility

This information is based on the current state of our knowledge. However, the above-mentioned supplier assumes no liability for the accuracy or completeness of the information contained herein.

All materials may present unknown hazards and should therefore be handled with care. Although some hazards are described in this document, we cannot guarantee that they are the only ones that exist.

The final decision on the conformity of any material is the sole responsibility of the user.

This Safety Data Sheet is for this product only.