

Cable lubricating compound FOAM SPRAY | item no. 20522

Safety data sheet
according to regulation (EG) no. 1907/2006, attachment II

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

1.1. Product identifier

Code NGLissSch Not inflammable
Product name New Gliss Foam Spray.

1.2. Relevant identified uses of the substance or mixture and uses advised against.

Intended use Electrical cable lubricant water based.
Specific foam to reduce the friction during cable laying

1.3. Details of the supplier of the safety data sheet

Name Runpotec Gmbh
Full address Irlachstrasse 31
District and Country 5303 Thalgau, Austria
Tel. +43 6235 20335 0
Fax +43 6235 20335 35

e-mail address of the competent person
responsible for the Safety Data Sheet office@runpotec.com, www.runpotec.com

Identified uses: exposure scenario
2-METILPENTANO

Industrial use:
Formulation & (re) packing of substances and mixtures
(SU10, PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a,
PROC8b, PROC9, PROC14, PROC15, ERC2)

Nr. Reg. 01-2119475602-38-XXXX

Professional use:
propellent (SU22)

1.4 Emergency telephone number

Emergency information services / public counseling center:
Austria: Poison Control Centre of Gesundheit Österreich GmbH, Vienna.
Emergency call: 01 406 43 43 (from outside Austria: +43 1406 43 43)
Switzerland: Tox Info Suisse, Freiestrasse 16, CH-8032 Zürich, national 24h-emergency number: 145

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication:
Aerosol 3 H229

2.1.2. 67/548/EEC and 1999/45/EC Directives and following amendments and adjustments.

Danger Symbols:

R phrases:

Cable lubricating compound FOAM SPRAY | item no. 20522**2.2. Label elements.**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: ---
Signal words: Warning**Hazard statements:**

H229 Pressurized container: may burst if heated.

Precautionary statements:P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P251 Pressurized container: do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
0,9% by mass of the contents are flammable.**2.3. Other hazards.**

Information not available.

SECTION 3. Composition/information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

Identification	Conc. %.	Classification 67/548/CEE	classification 1272/2008 (CLP)
nitrous oxide (N2O)			
CAS. 10024-97-2 CE. 233-032-0	2,5 - 3	O R 8	Ox. Gas 1 H270, Press. Gas H280
INDEX --			
Nr. Reg --			
2-methylpentane			
CAS. 78-78-4 CE. 201-142-8	0,8 - 0,9	R66, R67, F+ R12, Xn R65, N R51/53	Flam. Liq. 1 H224, Asp. Tox. 1 H304, STOT SE 3 H336, Aquatic Chronic 2 H411, EUH066
INDEX 601-006-00-1			
Nr. Reg. 01-2119475602-38-XXXX			

See on point 16 for a full explanation of the indication

SECTION 4. First aid measures.**4.1. Description of first aid measures.**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

For symptoms and effects caused by the contained substances, see chap. 11.

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

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions.

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up.

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities.

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C, away from any combustion sources.

7.3. Specific end use(s).

Information not available.

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SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Riferimenti Normativi:	
Italia	Decreto Legislativo 9 Aprile 2008, n.81.
Svizzera	Valeurs limites d`exposition aux postes de travail 2012.
OEL EU	Direttiva 2009/161/UE; Direttiva 2006/15/CE; Direttiva 2004/37/
CE; Direttiva 2000/39/CE.	
TLV-ACGIH	ACGIH 2013

nitrous oxide (N2O)

threshold Type	state	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm
TLV-ACGIH		90	50		

2-methylpentane

threshold Type	state	TWA/8h mg/m3	ppm	STEL/15min mg/m3	ppm	Note
OEL	EU	3000	1000			
OEL	I	2000	667			
TLV-ACGIH		1771	600			Pentane (all isomer)

Concentration is not expected to impact on the environment - PNEC.

Reference value for the terrestrial compartment	0,55	mg/kg
Reference value for water, intermittent release	0,25	mg/l
Reference value for sediments in freshwater	1,1	mg/kg
Reference value for sediments in seawater	1,1	mg/kg
Reference value for microorganisms STP	3,9	mg/l

health - Derived no effect - DNEL / DMEL

Exposition	Effect on consumer Local acute	System acute	Local chronic	System chronic	Effect on workeri Local acute	System acute	Local chronic	System chronic
Oral			VND	214 mg/kg				
Inhalation			VND	643 mg/m3			VND	3000 mg/m3
Dermal			VND	214 mg/kg			VND	432 mg/kg

Legend:

(C) = CEILING, INALAB = inhalable fraction, RESPIR = respirable fraction, TORAC = fraction Thoracic. VND = identified hazard but no DNEL/PNEC available, NEA = no anticipated exposure, NPI = no hazard identified

8.2. Exposure controls.

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION

Under normal conditions of use does not need gloves. In case you need to wear gloves to protect your hands from category I (ref. Directive 89/686 / EEC and standard EN 374) such as latex, PVC or equivalent. Final selection of glove material must be considered work: degradation, breakage times and permeation. In the case of preparations the resistance of protective gloves should be checked before use, as it can be unpredictable. The gloves have a time limit depends on the duration of exposure

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EYE PROTECTION

Recommended protective airtight goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type A filter combined with a type P filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	Foam
Colour	white
Odour	little soap
pH.	7,5-8,0
Melting point / freezing point	0°C
Initial boiling point	100°C
Relative density	0,97 - 1,03 gr/cm3
Solubility	Fully in water
Viscosity	50 sec ford cup nr. 2
Explosive properties	Product not explosive on the basis of the composition
Oxidising properties	Product not oxidant on the basis of the composition

9.2. Other information.

Combustion Test in a closed environment: no ignition (EC Directive 2008/47, paragraph 6.3.2.)

Aerosol foam flammability test for „non-flammable“ (EC Directive 2008/47, point 6.3.3.)

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

2-methylpentane: Contact with strong oxidizers (peroxides, chromates ..), it can cause a fire hazard.

10.4. Conditions to avoid.

Avoid overheating.

10.5. Incompatible materials.

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

10.6. Hazardous decomposition products.

2-methylpentane: when it undergoes combustion or thermal or oxidative degradation, develops an overall mixture of aerosols, solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds.

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SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects.

2-methylpentane

Acute toxicity:

LD50 (Oral). > 2000 mg/kg Ratto (OCSE 401; MSDS of provider)

LC50 (Inhalation). > 25,3 mg/l/4 h Rat (steam) - (OCSE 403; MSDS of provider)

Toxicity SPECIFIC TARGET ORGAN (STOT-) - SINGLE EXPOSURE: May cause drowsiness or dizziness, (Harmonised classification, Annex VI Reg. CLP)

ASPIRATION HAZARD: May be fatal if swallowed and enters airways (Harmonised classification, Annex VI Reg. CLP)

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

2-methylpentane

LC50 - Pisces. 12.8 mg / l / 96h ((Q) SAR - USEPA OPPT Risk Assessment Division)

LC50 - Pisces. 4.26 mg / l / 96h Oncorhynchus mykiss (Source: Information provided in the MSDS of the supplier)

NOEC - Algae / Aquatic Plants. 7.51 mg / l / 72h Pseudokirchnerella subcapitata (Source: Information provided in the MSDS of the supplier)

EC50 - crustaceans. 2.3 mg / l / 48 h Daphnia magna (or equivalent method similar to OECD TG 202)

EC50 - Algae / Aquatic Plants. 10.7 mg / l / 72h Pseudokirchnerella subcapitata (Source: Information provided in the MSDS of the supplier)

12.2. Persistence and degradability.

2-methylpentane

Biodegradability: 71.4 ; 28 days

Photolysis: half life (t_{1/2}) 2.3 days

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

2-methylpentane: Highly volatile, will partition rapidly to air. Floats on water. If the product enters soil, one or more of its constituents are mobile and may contaminate groundwater.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Avoid littering. Do not contaminate soil, sewers and waterways.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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SECTION 14. Transport information.

14.1. ONU Nr

(ADR, RID, IMDG Code, ICAO): UN 1950

14.2. Name ONU

(ADR, RID): AEROSOL

(IMDG Code): AEROSOLS

(ICAO): AEROSOLS, NON-FLAMMABLE

14.3. Classes of Transport hazard

(ADR, RID): Class: 2, Label: 2.2

(IMDG Code, ICAO): Class: 2, Label: 2.2

14.4. Packing Group

(ADR, RID, IMDG Code, ICAO): Nessuno.

14.5. Environmental hazards: NO

SECTION 15. Regulatory information.

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

Seveso category: None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006: None.

Substances in Candidate List (Art. 59 REACH): None.

Substances subject to authorisation (Annex XIV REACH): None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012: None.

Substances subject to the Rotterdam Convention: None.

Substances subject to the Stockholm Convention: None.

Healthcare controls: Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Aerosol 3 Aerosol, category 3

H229 Pressurized container: may burst if heated.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level

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- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. Regulation (EC) 618/2012 (III Atp. CLP) of the European Parliament
9. The Merck Index. - 10th Edition
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique (toxicological sheet)
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
15. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.