

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 1 of 9

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

1.1. Product identifier

Guepo®flex Leek Seeker -15 °C

UFI: TDA0-E094-0005-VKUN

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

Use of the substance/mixture

Leakage testing of pressure equipment. Foam-forming solution according to EN 14291.

1.3. Details of the supplier of the safety data sheet

Company name:	Guepo GmbH	
Street:	Siemensstr. 13	
Place:	D-77694 Kehl	
Telephone:	+49-7851-99477-0	Telefax: +49-7851-99477-77
e-mail:	email @guepo.de	
Contact person:	Manfred Schmitt-Bormann	
e-mail:	manfred.schmitt-bormann@guepo.de	
Internet:	www.guepo.de	

1.4. Emergency telephone number:

+49-170-5582282

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 3; H229

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Warning

Hazard statements

Pressurised container: May burst if heated.

Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not pierce or burn, even after use.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Foaming Agent according to EB 14291

Hazardous components

none (according to UK REACH Regulation)

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 2 of 9

Further Information

Aerosol propellants: Dinitrogen monoxide (laughing gas)

Please note the expiry date: 5 years

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

No information available.

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 jet, alcohol resistant foam, Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Contains: Dinitrogen monoxide (laughing gas)

Reacts with : Substances containing active hydrogen (e.g. NH_x-, OH-, SH- groups)Reacts with : Substances containing active hydrogen (e.g. NH_x-, OH-, SH- groups)In case of fire may be liberated: Nitrogen oxides (NO_x).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid contact with eyes.

Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Clean contaminated articles and floor according to the environmental legislation.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 3 of 9

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes. Do not breathe gas/fumes/vapour/spray.

Do not pierce or burn, even after use.

Advice on protection against fire and explosion

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Do not store at temperatures over: 50 °C.

Keep only in the original container in a cool, well-ventilated place. Protect against: frost. Keep container tightly closed.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Leak test of pressurized installations

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
10024-97-2	Nitrous oxide	100	183		TWA (8 h)	WEL
57-55-6	Propane-1,2-diol, total vapour and particulates	150	474		TWA (8 h)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
57-55-6	Propylenglykol			
Consumer DNEL, long-term		oral	systemic	85 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	213 mg/kg bw/day
Worker DNEL, long-term		inhalation	local	10 mg/m ³
Consumer DNEL, long-term		inhalation	local	10 mg/m ³
Worker DNEL, long-term		inhalation	systemic	168 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	50 mg/m ³

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 4 of 9

PNEC values

CAS No	Substance	
	Environmental compartment	Value
57-55-6	Propylenglykol	
	Marine water	26 mg/l
	Freshwater sediment	572 mg/kg
	Marine sediment	57,2 mg/kg
	Secondary poisoning	1133 mg/kg
	Micro-organisms in sewage treatment plants (STP)	20000 mg/l
	Soil	50 mg/kg

Additional advice on limit values

DNEL/DMEL and PNEC values: not relevant.

Risk management measures according to used control banding approach: To date, none have been determined.

8.2. Exposure controls



Appropriate engineering controls

Work in well-ventilated zones or use proper respiratory protection.

Individual protection measures, such as personal protective equipment

Eye/face protection

Framed glasses.

Hand protection

By long-term hand contact: Hand protection. Suitable material: NBR (Nitrile rubber).

Skin protection

working clothes

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol
Colour:	colourless
Odour:	characteristic

Changes in the physical state

Melting point/freezing point:	-15 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flash point:	>63 °C

Flammability

Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 5 of 9

Upper explosion limits: not determined

Self-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

pH-Value: 7

Viscosity / dynamic:
(at 20 °C) 1 mPa·s

Water solubility: easily soluble

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure:
(at 0 °C) (Active agent) 6,1 hPa

Density: 1 g/cm³

Relative vapour density: not determined

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties

Not oxidising.

Other safety characteristics

Solid content: not determined

Evaporation rate: not determined

Further Information

Surface tension < 30 mN/m

Note: Most physical properties above are for the oil component in the material.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Protect against: frost. <-15°C

10.5. Incompatible materials

Oxidizing agents, strong. Reacts with : Alkali metals, Alkaline earth metal,

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 6 of 9

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Further information

Toxicologically harmless according to EN 14291.

SECTION 12: Ecological information

12.1. Toxicity

According to the present state of knowledge negative ecological effects are not expected.

12.2. Persistence and degradability

Product is biodegradable.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 7 of 9

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2.2 + 5.1

Classification code: 5O
 Special Provisions: 190 327 344 625
 Limited quantity: 1 L
 Excepted quantity: E0
 Transport category: 3
 Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2.2 + 5.1

Classification code: 5O
 Special Provisions: 190 327 344 625
 Limited quantity: 1 L
 Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 381, 959
 Limited quantity: See SP277
 Excepted quantity: E0
 EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS, non-flammable
14.3. Transport hazard class(es): 2.2
14.4. Packing group: -
 Hazard label: 2.2 + 5.1

Special Provisions: A98 A145 A167 A802

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 8 of 9

Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2004/42/EC (VOC): 0,0025%

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Aerosol directive (75/324/EEC).

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,11,14,15,16.

Abbreviations and acronyms

ADR: Accord européen sur le transport 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 Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aerosol 3; H229	On basis of test data

Safety Data Sheet

according to UK REACH Regulation

Guepo®flex Leek Seeker -15 °C

Revision date: 17.02.2022

Product code: G121

Page 9 of 9

Relevant H and EUH statements (number and full text)

Pressurised container: May burst if heated.

Further Information

DIN DVGW Reg.Nummer: NG-5170AS0450

Certified and tested in accordance to EN 14291. Type-examination and annual monitoring examinations by Engler-Bunte-Institut, KIT Karlsruhe.

Custums Tariff Number: 3402 5010

National inventories: not listed

Technical information:

Dr. Abderrahim Elmouakibi

TEL +49-7851-99477-55

FAX +49-7851-99477-77

Emergency telephone number (Technical information): +49-172-2136509

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)