

Dato:26.02.2016

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : GRIZZLYGREASE No. 1-Spray  
Revision date : 25.09.2013  
Date of print : 10.06.2015  
Version (Revision) : 2.0.0 (1.0.0)

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

**1.1 Product identifier**

GRIZZLYGREASE No. 1-Spray

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

**Relevant identified uses**

**Product categories [PC]**

PC24 - Lubricants, greases, release products

**1.3 Details of the supplier of the safety data sheet**

**Supplier (manufacturer/importer/only representative/downstream user/distributor)**

Lubricant Consult GmbH

**Street :** Gutenbergstraße 13

**Postal code/city :** 63477 MAINTAL

**Telephone :** 06109/7650-0

**Telefax :** 06109/7650-51

**1.4 Emergency Telephone Number**

06109/7650-0

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Extremely flammable. · Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

F+ ; R 12 · R 52/53

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Category 3 ; Harmful to aquatic life with long lasting effects.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Flam. Aerosol 1 ; H222 - Flammable aerosols : Category 1 ; Extremely flammable aerosol.

**2.2 Label elements**

**Labelling (67/548/EEC or 1999/45/EC)**

**Hazard symbols and hazard statements of dangerous substances and preparations**



F+ ; Extremely flammable

**R-phrases**

12

Extremely flammable.

52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases**

57

Use appropriate container to avoid environmental contamination.

61

Avoid release to the environment. Refer to special instructions / safety data sheet.

35

This material and its container must be disposed of in a safe way.

51

Use only in well-ventilated areas.

16

Keep away from sources of ignition. - No smoking.

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- 33 Take precautionary measures against static discharge.
- Special provisions concerning the labelling of certain mixtures**
- 56 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
- 57 Do not pierce or burn, even after use.
- 58 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



Flame (GHS02) · Exclamation mark (GHS07)

**Signal word**

Danger

**Hazard Statements**

- H222 Extremely flammable aerosol.
- H315 Causes skin irritation.
- H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P321 Specific treatment (see ... on this label).
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P501 Dispose of contents/container to ...

**Special rules for supplemental label elements for certain mixtures**

- O210 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
- O211 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

**2.3 Other hazards**

EUH018 - In use may form flammable/explosive vapour-air mixture. EUH066 - Repeated exposure may cause skin dryness or cracking. P243 - Take precautionary measures against static discharges. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P235 - Keep cool.

**SECTION 3: Composition/ information on ingredients**

**3.2 Mixtures**

**Hazardous ingredients**

- PROPANE ; EC No : 200-827-9; CAS No. : 74-98-6  
 Weight fraction : 10 - 50 %  
 Classification 67/548/EEC : F+ ; R12  
 Classification 1271/2008 [CLP] : Flam. Gas 1 ; H220 Liquef. Gas ; H280
- BUTANE ; EC No : 203-448-7; CAS No. : 106-97-8  
 Weight fraction : 10 - 50 %  
 Classification 67/548/EEC : F+ ; R12  
 Classification 1271/2008 [CLP] : Flam. Gas 1 ; H220 Liquef. Gas ; H280
- ALKANES, C7-10-ISO- ; REACH registration No. : 01-2119471305-42-0000 ; EC No : 921-728-3; CAS No. : 90622-56-3

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Weight fraction :	10 - 20 %
Classification 67/548/EEC :	F ; R11 N ; R51/53 Xn ; R65 Xi ; R38 R67
Classification 1271/2008 [CLP] :	Flam. Liq. 2 ; H225 Asp. Tox. 1 ; H304 Skin Irrit. 2 ; H315 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411
ISOBUTANE ; EC No : 200-857-2; CAS No. : 75-28-5	
Weight fraction :	5 - 10 %
Classification 67/548/EEC :	F+ ; R12
Classification 1271/2008 [CLP] :	Flam. Gas 1 ; H220 Liquef. Gas ; H280
Naphthenic acids, zinc salts ; EC No : 234-409-2; CAS No. : 12001-85-3	
Weight fraction :	1 - 5 %
Classification 67/548/EEC :	Xi ; R36/38
Classification 1271/2008 [CLP] :	Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

**Further ingredients**

Distillates (petroleum), hydrotreated heavy naphthenic ; REACH registration No. : 01-2119467170-45-xxxx ; EC No : 265-155-0; CAS No. : 64742-52-5

Weight fraction :	10 - 50 %
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Metallic soap

Additives, not to declare

**Additional information**

Full text of R-, H- and EUH-phrases: see section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

**In case of skin contact**

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

**After eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Keep at rest. Do not induce vomiting. Observe risk of aspiration if vomiting occurs. Let water be drunken in little sips (dilution effect). Water, to which activated charcoal may be added

**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**

None

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

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Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). ABC-powder BC-powder Foam. Water spray jet

**Unsuitable extinguishing media**

Strong water jet. High power water jet.

**5.2 Special hazards arising from the substance or mixture**

Danger of bursting container.

**Hazardous combustion products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**5.3 Advice for firefighters**

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

**SECTION 6: Accidental release measures**

Vapours can form explosive mixtures with air.

**6.1 Personal precautions, protective equipment and emergency procedures**

None

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3 Methods and material for containment and cleaning up**

Soak up inert absorbent and dispose as waste requiring special attention.

**Other information**

Remove all sources of ignition. Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Provide adequate ventilation.

**6.4 Reference to other sections**

None

**SECTION 7: Handling and storage**



**7.1 Precautions for safe handling**

When using do not smoke. Do not breathe gas/fumes/vapour/spray.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Ensure adequate ventilation of the storage area. Keep/Store only in original container. Heating causes rise in pressure with risk of bursting.

**Hints on joint storage**

Storage class : 2B

Storage class (TRGS 510) : 2B

**7.3 Specific end use(s)**

None

**SECTION 8: Exposure controls/personal protection**

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Remove contaminated, saturated clothing. Keep away from sources of ignition. - No smoking. Take the precautions customary when handling

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chemicals.

**8.1 Control parameters**

**Occupational exposure limit values**

PROPANE ; CAS No. : 74-98-6  
 Limit value type (country of origin) : TRGS 900 ( D )  
 Limit value : 1000 ppm / 1800 mg/m<sup>3</sup>  
 Peak limitation : 4(II)  
 Version : 01.09.2012

BUTANE ; CAS No. : 106-97-8  
 Limit value type (country of origin) : TRGS 900 ( D )  
 Limit value : 1000 ppm / 2400 mg/m<sup>3</sup>  
 Peak limitation : 4(II)  
 Version : 01.09.2012

ISOBUTANE ; CAS No. : 75-28-5  
 Limit value type (country of origin) : TRGS 900 ( D )  
 Limit value : 1000 ppm / 2400 mg/m<sup>3</sup>  
 Peak limitation : 4(II)  
 Version : 01.09.2012

**8.2 Exposure controls**

**Personal protection equipment**



Has degreasing effect on the skin. Avoid: Eye contact. Skin contact Frequently or prolonged contact with skin may cause dermal irritation. Work in well-ventilated zones or use proper respiratory protection. Respiratory protection necessary at: insufficient ventilation.

**Eye / face protection**

**Recommended eye protection articles**

DIN EN 166

**Skin protection**

**Hand protection**

Wear suitable gloves.

**Suitable material** : NBR (Nitrile rubber). Butyl caoutchouc (butyl rubber).

**Recommended glove articles** : DIN EN 374 DIN EN 420

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Colour** : dark brown

**Safety relevant basis data**

<b>Physical state :</b>			Aerosol	
<b>Boiling temperature / range :</b>	( 1013 hPa )	=	-44	°C
<b>Decomposition temperature :</b>	( 1013 hPa )	>	200	°C
<b>Flash point :</b>	( 1013 hPa )	=	-97	°C
<b>Lower explosion limit :</b>		=	1,5	Vol-%
<b>Upper explosion limit :</b>		=	12	Vol-%
<b>Vapour pressure :</b>	( 20 °C )	=	4100	hPa
<b>Vapour pressure :</b>	( 50 °C )	=	8000	hPa
<b>Density :</b>	( 20 °C )	ca.	0,85	g/cm <sup>3</sup>

**9.2 Other information**

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No information available.

**12.6 Other adverse effects**

No information available.

**12.7 Further ecological information**

None

**12.8 Overall evaluation**

If product enters soil, it will be mobile and may contaminate groundwater. In accordance with the required stability the product is poorly biodegradable.

**SECTION 13: Disposal considerations**

Dispose according to legislation. Completely emptied packages can be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**13.1 Waste treatment methods**

No information available.

**SECTION 14: Transport information**

**14.1 UN number**

UN 1950

**14.2 UN proper shipping name**

Land transport (ADR/RID)

AEROSOLS

Sea transport (IMDG)

AEROSOLS

Air transport (ICAO-TI / IATA-DGR)

AEROSOLS, FLAMMABLE

**14.3 Transport hazard class(es)**

Land transport (ADR/RID)

Class(es) : 2  
 Classification code : 5F  
 Hazard identification number (Kemler No.) : 23  
 Tunnel restriction code : D  
 Special provisions : LQ 2 · E 0  
 Hazard label(s) : 2.1

Sea transport (IMDG)

Class(es) : 2.1  
 EmS-No. : F-D / S-U  
 Special provisions : LQ 1 I · E 0  
 Hazard label(s) : 2.1

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 2.1  
 Special provisions : E 0  
 Hazard label(s) : 2.1

**14.4 Packing group**

**14.5 Environmental hazards**

Land transport (ADR/RID) : No  
 Sea transport (IMDG) : No  
 Air transport (ICAO-TI / IATA-DGR) : No



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**14.6 Special precautions for user**  
 None

**SECTION 15: Regulatory information**

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

National regulations  
**Water hazard class (WGK)**  
 Class : 2 (Hazardous to water) Classification according to VwVwS

**15.2 Chemical safety assessment**  
 No information available.

**SECTION 16: Other information**

**16.1 Indication of changes**  
 None

**16.2 Abbreviations and acronyms**  
 None

**16.3 Key literature references and sources for data**  
 None

**16.4 Relevant R-, H- and EUH-phrases (Number and full text)**

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
11	Highly flammable.
12	Extremely flammable.
36/38	Irritating to eyes and skin.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
67	Vapours may cause drowsiness and dizziness.

**16.5 Training advice**  
 None

**16.6 Additional information**  
 None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.



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