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1. Identification of substance, company:

- 1.1. Identification of substance: **AUTO GREASE 100 - R 34074 (spray)**
 1.2. Application of the substance/the preparation: white lubricant
 1.3. Identification of manufacturer/Supplier:
 RETECH, s.r.o.
 Vackova 1541/4
 150 00 Praha-5 Stodůlky
 Telephone/Fax: +420 327 596 128, +420 596 428
 Information: hana.mekotova@retech.cz
 1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory
 extraordinary situations: Tel.+420 327 596 128 (7.30-16.00 hour)
 Toxicology information number, Na bojišti 1, 128 08 PRAHA 2
 Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Hazard identification: The product is labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.1. Hazard designation:



2.2. Information pertaining to particular dangers for man and environment:

Extremely flammable.
 Irritating to skin
 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 Vapours may cause drowsiness and dizziness.

2.3. Additional information:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition.-
 No smoking.
 Buildup of explosive mixtures possible without sufficient ventilation.
 The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3. Composition/information on ingredients:

3.1. Description:

Mixture of aliphatic hydrocarbons, mineral oil, calcium complex grease and propane/butane (propellant).

3.2. Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Propane/butane	2,5-10	74-94-6/ 106-97-8	200-827-9/ 203-448-7	F+	R 12
Naphtha (petroleum) Hydrotreated light (contains less than 0.1%	1-5	64742-49-0	265-151-9	F, Xn, N	R 11-38-51/53-65-67

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benzene)					
Heptane	10-20	142-82-5	205-563-8	F+,Xn,N	R 11-38-50/53-65-67

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures:

- 4.1. After inhalation: Supply fresh air; consult doctor in case of symptoms.
 4.2. After skin contact: Remove soaked clothing; Wash with water and soap.
 4.3. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
 4.4. After swallowing: Rinse mouth; Do not induce vomiting; Consult a physician.
 4.5. General information: -

5. Fire fighting measures:

- 5.1. Suitable extinguishing agents: CO2, extinguishing powder or alcohol resistant foam.
 5.2. For safety reasons unsuitable extinguishing agents: Water jet.
 5.3. Protective equipment: Wear protective equipment/clothing when fighting fires.
 5.4. Special hazards caused by the material, its products of combustion or resulting gases: In case of fire CO may be possible.
 5.5. Additional information: Aerosols may explode when overheated. Cool the container with water.

6. Accidental release measures:

- 6.1. Person-related safety precautions: Wear protective equipment see item 8.2. Ensure adequate ventilation. Keep unprotected person away.
 6.2. Measures for environmental protection: Do not allow to enter drainage system, surface or ground water. Inform respective authorities in case product reaches water or sewage system.
 6.3. Measures for cleaning/collecting: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. Handling and storage:

- 7.1. Handling:
 Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
 Information about protection against explosions and fires: Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep ignition sources away - Do not smoke.
 7.2. Storage:
 Requirements to be met by storerooms and containers: Store in cool location. Observe official regulations on storing packaging with pressurized containers.
 Information about storage in one common storage facility: Do not store together with strong acids and strong oxidizing agents.
 Further information about storage conditions: Protect from heat and direct sunlight.

8. Exposure controls and personal protection:

- 8.1. Validate parameter:
 Components with limit values that require monitoring at the workplace:
 (GB,EU)

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<p>106-97-8 butane OES Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm</p> <p>74-98-6 propane OES Long-term value: 1800 mg/m³, 1000 ppm 64742-49-0 Naphtha (petroleum) – Long-term value: 315 ppm 142-82-5 Heptane– Long-term value: 2085 mg/m³ - 500ppm</p> <p>Additional information The lists that were valid during the compilation were as basis.</p> <p>8.2. Personal protective equipment: Eye protection: Not required, when used as directed. Breathing equipment: Not required, but ensure adequate ventilation when using the product. Protection of hands: Protective gloves. Protection of skin: Protective working clothes.</p> <p>8.3. General protective and hygienic measures: Wash hands during breaks and at the end of the work.</p>	
<p>9. Physical and chemical properties:</p> <p>Form: Aerosol Colour: Light beige Odour: Characteristic</p> <p>9.1. Value pH: - Melting point/Melting range: Not determined Boiling point/Boiling range: Not applicable, as aerosol Flash point: Not applicable, as aerosol Inflammability (strength, gas form) - Self-inflammability: Product is not self igniting. Danger of explosion: Product is not explosive. However, formation of explosive air/steam mixtures is possible.</p> <p>Explosion limits: lower (% Vol): 1.0 upper (% Vol): 10.0</p> <p>Oxidative properties: - Vapour pressure (at 20°C): 3.1Bar Density at 20 °C 0.635 g/cm³ Solubility in/Miscibility with - water Not miscible or difficult to mix.</p> <p>9.2. VOC: 521.0 g/l Other information: -</p>	
<p>10. Stability and reactivity:</p> <p>10.1. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.</p> <p>10.2. Materials to be avoided: Strong oxidising agents.</p> <p>10.3. Dangerous reactions: No dangerous reaction known.</p> <p>10.4. Dangerous products of decomposition: In case of fire CO may be possible.</p> <p>10.5. Additional information: -</p>	
<p>11. Toxicological information:</p> <p>11.1. Acute toxicity: void</p> <p>11.2. Primary irritant effect: on the skin: Irritation may be possible. on the eye: Irritation may be possible. Sensitization: - Additional toxicological information: -</p>	
<p>12. Ecological information:</p>	

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Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations:

- 13.1. Product: Disposal must be made according to official regulations.
13.2. Uncleaned packagings: Disposal must be made according to official regulations.

14. Transport information:

- 14.1. Land transport:
ADR/RID-GGVS/E class: 2
Number/Letter: 5F
Number UN: 1950
Description of goods: Aerosols
Remarks: "Limited quantities"
- 14.2. Maritime transport:
IMDG-class: 2.1
Page: -
Number UN: 1950
Packaging group: -
EMS-group: F-D, S-U
MFAG: -
Proper shipping name: Aerosols
Remarks: "Limited quantities"
- 14.3. Air transport:
ICAO / IATA -class: 2.1
UN/ID number: 1950
Packaging group: -
Proper shipping name: Aerosols, flammable
Remarks: "Limited quantities"

15. Regulatory information:

- 15.1. Labelling according to law line:
The product has been labeled in accordance with EC Directives / relevant national laws.
Danger of determining components and mark to labelling:
142-82-5 Heptane, 64742-49-0 Naphtha (petroleum) hydrotreated light, 74-98-6/106-97-8 Propane/Butane

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after burn. Do not spray on a naked flame or any incandescent material.

Labelling hazardousness:



F+ - Extremely flammable



Xi - Irritant



N- Dangerous for the environment

Numbers and word reading associated hazard R-sentences :

- R 12 Extremely flammable.
R 38 Irritating to skin.
R 51/53 Toxic to aquatic organisms, may cause long-term effects in aquatic environment.
R 67 Vapours may cause drowsiness and dizziness.

Numbers and word reading associated security S-sentences:

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- S 2 Keep out of reach of children.
- S16 Keep away from sources of ignition – No smoking.
- S 23 Do not breathe vapours/spray.
- S 24 Avoid contact with skin.
- S 46 If swallowed, seek medical advice immediately and show this container or label.
- S 51 Use only in well-ventilated areas.
- S 56 Dispose of this material and its container at hazardous or special waste collection point.
- S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

15.2. Used legislation:

European Regulation (EC) No 1907/2006 - REACH
Regulation (EC) No 648/2004 of the European Parliament and of the council of 31 March 2004 on detergents

16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:

- R 11 Highly flammable.
- R 12 Extremely flammable.
- R 38 Irritating to skin.
- R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 65 Harmful: May cause lung damage if swallowed.
- R 67 Vapours may cause drowsiness and dizziness.