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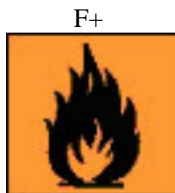
**1. Identification of substance, company:**

- 1.1. Identification of substance: **SILICONE OIL - R 34401**  
 1.2. Application of the substance/the preparation: Silicone 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](mailto: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:



Extremely flammable

- 2.2. Information pertaining to particular dangers for man and environment:  
 Extremely flammable.  
 Harmful 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., i.e. electric lights. 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:  
 Silicone spray based on silicone oil in solvent, propellant: propane/butane-gas mixture.

- 3.2. Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Propane/Butane	50-85	74-98-6/106-97-8	200-827-9 203-448-7	F+	R 12
Naphtha (petroleum) Hydrotreated light (contains less than 0.1%	15-20	64742-49-0	265-151-9	Xn, F, N	R 11-38-51/53-65-67

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benzene)					
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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: Wash with water and soap; consult doctor in case of symptoms.
- 4.3. After eye contact: Rinse opened eye for several minutes under running water, consult doctor.
- 4.4. After swallowing: Do not induce vomiting, rinse mouth, consult doctor.
- 4.5. General information: -

**5. Fire fighting measures:**

- 5.1. Suitable extinguishing agents: CO2, extinguishing powder or 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: -
- 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. Keep unprotected person away. Ensure adequate ventilation, keep away from ignition sources.
- 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).
- 6.4. Additional information: -

**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: Keep ignition sources away – Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.
- 7.2. Storage:
  - Requirements to be met by storerooms and containers: Ensure adequate ventilation. Store in cool location.
  - Information about storage in one common storage facility: -
  - Further information about storage conditions: Protect from heat and direct sunlight. Do not expose to temperatures exceeding 50°C. It is necessary to observe general rules for storing pressurized containers.

**8. Exposure controls and personal protection:**

- 8.1. Validate parameter: Components with limit values that require monitoring at the workplace:

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<p>106-97-8 butane OES Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm 74-98-6 propane OES Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm 64742-49-0 Naphtha (petroleum) – Long-term value: 315 ppm Additional information: The lists that were valid during the compilation were as basis.</p> <p>8.2. Personal protective equipment: Eye protection: Tightly sealed goggles 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: The usual precautionary measures should be adhered to general rules for handling chemicals. Wash hands during breaks and at the end of the work. Do not eat, drink and smoke during the work.</p>	
<p><b>9. Physical and chemical properties:</b></p> <p>Form: Aerosol Colour: Colourless 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) &gt;240°C 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): 0.8 upper (% Vol): Not determined Vapour pressure (at 20°C): 3,5 bar Vapour pressure (at 50°C): 7,0 bar Density at 20 °C 0,62 g/cm<sup>3</sup> Solubility in/Miscibility with - water Insoluble</p> <p>9.2. Other information: VOC: 515.0 g/l</p>	
<p><b>10. Stability and reactivity:</b></p> <p>10.1. Thermal decomposition / conditions to be avoided: Explosion hazard of receptacles at the temperatures over 50°C.</p> <p>10.2. Materials to be avoided: -</p> <p>10.3. Dangerous reactions: No dangerous reaction known.</p> <p>10.4. Dangerous products of decomposition: No dangerous products of decomposition known.</p>	
<p><b>11. Toxicological information:</b></p> <p>11.1. Acute toxicity: 64742-49-0 Naphtha (petroleum), hydrotreated light Oral LD50 &gt;5000 mg/kg (rat) Dermal LD50 &gt;2600 mg/kg (rab) Inhalative LC50/4h &gt;193 mg/l (rat) 106-97-8 Butane Inhalative LC50/4h 658 mg/l (rat) Inhalation of solvents and vapours of propellant can have narcotic effects. There are no toxic properties known at the product.</p> <p>11.2. Primary irritant effect:</p>	


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on the skin:	Repeated exposition may cause dryness and cracking.
on the eye:	No irritating effects.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	-

<b>12. Ecological information:</b> Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water bodies or sewage system.
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<b>13. Disposal considerations:</b>	
13.1. Product:	Disposal must be made according to official regulations.
13.2. Uncleaned packagings:	Disposal must be made according to official regulations.

<b>14. Transport information:</b>	
14.1. Land transport:	
ADR/RID-GGVS/E class:	2
Number/Letter:	5F
Number UN:	1950
Note:	LQ2
Description of goods:	Aerosols
14.2. Maritime transport:	
IMDG-class:	2.1
Page:	-
Number UN:	1950
Packaging group:	-
EMS-group:	F-D, S-U
Marine pollutant:	No
Proper shipping name:	Aerosols
14.3. Air transport:	
ICAO / IATA -class:	2.1
UN/ID number:	1950
Packaging group:	-
Proper shipping name:	Aerosols, flammable

<b>15. Regulatory information:</b>
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: 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
Numbers and word reading associated hazard R-sentences :
R 12 Extremely flammable.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the 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.
- S 16 Keep away from sources of ignition – No smoking.
- S 23 Do not breathe vapours / aerosol
- 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.

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 65 Harmful: May cause lung damage if swallowed.
- R 67 Vapours may cause drowsiness and dizziness.