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<p>1. Section 1. Identification of the substance/mixture and of the company/undertaking:</p> <p>1.1. Product identifier : SUPER OIL - R 34364 (spray)</p> <p>1.2. Relevant identified uses of the substance or mixture and uses advised against: Light-penetration oil</p> <p>1.3. Details of the supplier of the safety data sheet: Identification of manufacturer/Supplier: RETECH, s.r.o. Vackova 1541/4 150 00 Praha-5 Stodůlky Telephone/Fax: +420 327 596 128, +420 327 596 428 Information: info@retech.cz</p> <p>1.4. Emergency telephone number: RETECH Suchdol 212, Suchdol u Kutné Hory 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)</p>	<p>2. Section 2. Hazard identification:</p> <p>The product is labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version. 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.</p> <p>2.1. Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008: Flam. Aerosol 1 H222 Extremely flammable aerosol. Skin Irrit. 2 H315 Causes skin irritation. STOT SE 3 H336 May cause drowsiness or dizziness. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.</p> <p>Classification according to Directive 67/548/EEC or Directive 1999/45/EC: F+ Extremely flammable R12 Extremely flammable.</p> <p>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness.</p> <p>2.2. Label elements: Labelling according to Regulation (EC) No 1272/2008: GHS02 GHS07   DANGER WARNING</p> <p>H222 Extremely flammable aerosol. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects.</p> <p>Labelling according to Directive 1999/45/EC: F+  Extremely flammable</p>
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R12 Extremely flammable.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Special labeling of certain preparations:

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. Keep out of reach of children.

2.3. Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

Buildup of explosive mixtures possible without sufficient ventilation.

3. Section 3. Composition/information on ingredients:

3.2. Mixtures:

Description: The active ingredient in propellants

Dangerous components:

CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum); Hydrotreated light (contains less than 0.1% benzene) F R11; Xi R38; N51/53; Xn R65; R67 GHS02 Flam. Liq. 2, H225; GHS08 Asp. Tox. 1, H304; GHS09 Aquatic Chronic 2, H411; GHS07 Skin Irrit. 2, H315; STOT SE 3, H336	10-<25%
CAS: 68476-85-7 EINECS: 270-704-2	Liquefied petroleum gas (contains less than 0.1% 1,3-butadiene) F+ R12 GHS02 Flam. Gas 1, H220; GHS04 Press. Gas H280	10-30%

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

4. Section 4. First aid measures:

4.1. After inhalation: Supply and fresh air; consult doctor in case of symptoms.
After skin contact: Remove soaked clothing; Wash with water and soap.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
After swallowing: Rinse mouth and give large amounts of water to people not unconscious. ; Do not induce vomiting; Consult a physician.
Most important symptoms and effects, both acute and delayed: No further relevant information available.
Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Section 5. Fire fighting measures:

5.1. Extinguishing media:
Suitable extinguishing agents: CO₂, extinguishing powder or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents: Water jet.
5.2. Special hazards arising from the substance or mixture:
In case of fire CO, CO₂ may be possible.
5.3. Advice for firefighters: Wear protective equipment/clothing when fighting fires.
Aerosols may explode when overheated. Cool the container with water.

6. Section 6. Accidental release measures:

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- 6.1. Personal precautions, protective equipment and emergency procedures:
Wear protective equipment see Section 8.2. Keep unprotected person away.
- 6.2. Environmental precautions:
Do not allow to enter drainage system, surface or ground water.
Inform respective authorities in case product reaches water or sewage system.
- 6.3. Methods and material for containment and cleaning up:
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to Section 13.
- 6.4. Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment
See Section 13 for disposal information.

7. Section 7. Handling and storage:

- 7.1. 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.
Protect against electrostatic charges.
- 7.2. Conditions for safe handling, including any incompatibilities:
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 oxidizing agents.
Observe official regulations on storing packaging with pressurized containers.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

8. Section 8. Exposure controls and personal protection:

- 8.1. Control parameters:
Components with limit values that require monitoring at the workplace:
68476-85-7 Liquefied petroleum gas
WEL Short-term value: 966 mg/m³, 200 ppm
Long-term value: 724 mg/m³, 150 ppm
64742-49-0 Naphtha (petroleum) – Long-term value: 1000 mg/m³
Additional information: The lists that were valid during the compilation were as basis.
- 8.2. Exposure controls:
Eye protection: Tightly sealed safety glasses.
Breathing equipment: Not required, but ensure adequate ventilation when using the product.
Protection of hands: Solvent resistant gloves.
Selection of glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves: Nitrile rubber, NBR
- Protection of skin: Protective working clothing.
- 8.3. General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands during breaks and at the end of the work.
Do not inhale gases/fumes/aerosols.

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9. Section 9. Physical and chemical properties:

Appearance:	
form:	Aerosol
colour:	Colourless
Odour threshold:	Characteristic
Value pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point/boiling range:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability (solid,gas):	Not applicable
Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Upper/lower flammability or explosive limits:	
Explosion limits: lower (% Vol):	Not determined
upper (% Vol):	Not determined
Vapour pressure (at 20°C):	Not determined
Vapour density (at 20 °C):	Not determined
Relative density:	0.810 g/cm ³
Solubility in/miscibility with	
- water	Partly miscible
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Oxidative properties:	Not determined
9.2. Other information:	
Organic solvents:	44%
VOC:	322 g/l

10. Section 10. Stability and reactivity:

10.1. Reactivity:	No further relevant information available.
10.2. Chemical stability:	No further relevant information available.
10.3. Possibility of hazardous reactions:	Strong oxidizing substances.
10.4. Conditions to avoid:	Avoid temperatures exceeding 50°C
10.5. Incompatible materials:	No further relevant information available.
10.6. Hazardous products of decomposition:	In case of fire CO and CO ₂ may be possible.

11. Section 11. Toxicological information:

Acute toxicity:	
64742-49-0 Naphtha (petroleum), hydrotreated light	
Oral LD50	>5000 mg/kg (rat)
Dermal LD50	>2600 mg/kg (rab)
Inhalative LC50/4h	>193 mg/l (rat)
Irritation: on the skin:	Prolonged or repeated exposure may cause severe irritation.
on the eye:	May cause mild irritation or discomfort.
Corrosivity:	Not corrosive.
Sensitization:	No sensitizing effect known.
Repeated dose toxicity:	No further relevant information available.
Carcinogenicity:	No further relevant information available.
Mutagenicity:	No further relevant information available.
Toxicity for reproduction:	No further relevant information available.
Other information:	

12. Section 12. Ecological information:

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<p>Water hazard class 2 (Self-assessment): hazardous for water. Do not allow product to reach ground water, water bodies or sewage system. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>12.1. Toxicity: No further relevant information available. 12.2. Persistence and degradability: No further relevant information available. 12.3. Bioaccumulative potential: No further relevant information available. 12.4. Mobility in soil: No further relevant information available. 12.5. Results of PBT and vPvB assessment: PBT: Not applicable vPvB: Not applicable 12.6. Other adverse effects: No further relevant information available.</p>		
<p>13. Section 13. Disposal considerations:</p> <p>13.1. Waste treatment methods: Product: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Uncleaned packaging: Disposal must be made according to official regulations.</p>		
<p>14. Section 14. Transport information:</p> <p>14.1. Land transport: ADR/RID-GGVS/E class: 2 Danger code (Kemler): Not determined Number/Letter: 5F Number UN: 1950 Description of goods: Aerosols</p> <p>14.2. Maritime transport: IMDG-class: 2.1 Page: Not determined Number UN: 1950 Packaging group: - EMS-group: F-D,S-U MFAG: Not determined Proper shipping name: Aerosols</p> <p>14.3. Air transport: ICAO / IATA -class: 2.1 UN/ID number: 1950 Packaging group: Not determined Proper shipping name: Aerosols, flammable UN "Model Regulation": UN1950, AEROSOLS, 2.1 Special precautions for users: Warning: Gases Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable</p>		
<p>15. Section 15. Regulatory information:</p> <p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: 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: 68476-85-7 Liquefied petroleum gas</p> <p>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.</p> <p>Labelling hazardousness:</p>		

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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:

- S 2 Keep out of reach of children.
S 16 Keep away from sources of ignition – No smoking.
S 23 Do not breath 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.

Density: 0,810 g/cm³

VOC: 322 g/l

On the packaging there is not included info in accordance with European Regulation No 1999/45/EC (chapter 2.5.).

Used legislation:

- European Regulation (EC) No 1907/2006 – REACH.
Commission Regulation (EU) No 453/2010.
European Regulation No 67/548EEC and 1999/45/EC.
Commission Regulation (EC) No 1272/2006 – CLP.
Commission Regulation (EC) No 790/2009.
Regulation (EC) No 648/2004 (detergents).

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 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+H 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.
H220 Extremely flammable gas.
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.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement

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concerning the International
Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
MAL-Code: Måleteknisk Arbejdshygienisk Luftbehov (Regulation for the labeling concerning inhalation
hazards, Denmark)
WEL- Workplace exposure limits
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

***Compared to the last version the data has been changed.**