

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 05/01/2017	Trade name:	Page: 1/6
Reviewed on:	COPPER GREASE	Version: 1.0

1. Section 1. Identification of the substance/mixture and of the company/undertaking:

1.1. Product identifier:

Trade name: **COPPER GREASE**
Product code: **1 34470**

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

Uses of the mixture: Lubricant.
For professional and industrial use only.
Uses advised against: Not known.

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 number/Fax: +420 327 596 128, +420 327 596 428
E-mail: info@retech.cz

1.4. Emergency telephone number:

RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic
Telephone number: +420 327 596 128 (7.30-16.00 hour)
Toxikologické informační středisko (Toxicology information centre),
Na bojišti 1, 128 08 PRAHA 2, Czech Republic
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Section 2. Hazard identification:

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]:
Aerosol 3 H229 Pressurised container: May burst if heated.

2.2. Label elements:

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

Signal Word: Warning

Hazard Statements:
H229 Pressurised container: May burst if heated.

Precautionary Statements:

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with national regulation.

2.3. Other hazards:

Results of PBT and vPvB assessment:
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

3. Section 3. Composition/information on ingredients:

3.2. Mixtures:

Description of the mixture: Mixture of active ingredients with propellants

Hazardous ingredients:

CAS: 811-97-2	1,1,1,2-Tetrafluorethane	1 - 10 %
EINECS: 212-377-0	Press. Gas, H280	

For full text of H-statements: see SECTION 16

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<p>4. Section 4. First aid measures:</p> <p>4.1. Description of first aid measures:</p> <p>General notes: When in doubt or if symptoms are observed, get medical advice.</p> <p>After inhalation: Get medical attention if any discomfort continues.</p> <p>After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.</p> <p>After eye contact: Rinse opened eye for several minutes under running water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.</p> <p>After swallowing: Rinse mouth immediately.</p> <p>4.2. Most important symptoms and effects, both acute and delayed:</p> <p>After inhalation: No symptoms.</p> <p>After skin contact: There may be mild irritation at the site of contact.</p> <p>After eye contact: There may be irritation and redness.</p> <p>After swallowing: There may be irritation of the throat.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed:</p> <p>No further relevant information available.</p>	<p>5. Section 5. Fire fighting measures:</p> <p>5.1. Extinguishing media:</p> <p>Suitable extinguishing agents: Use fire fighting measures that suit the environment.</p> <p>Unsuitable extinguishing agents: No further relevant information available.</p> <p>5.2. Special hazards arising from the substance or mixture:</p> <p>In combustion emits toxic fumes.</p> <p>5.3. Advice for firefighters:</p> <p>Wear protective clothing and self-contained breathing apparatus. Cool endangered receptacles with water spray.</p>
<p>6. Section 6. Accidental release measures:</p> <p>6.1. Personal precautions, protective equipment and emergency procedures:</p> <p>Wear protective equipment, see Section 8. Turn leaking containers leak-side up to prevent the escape of liquid.</p> <p>6.2. Environmental precautions:</p> <p>Do not discharge into drains or rivers. Contain the spillage using bunding.</p> <p>6.3. Methods and material for containment and cleaning up:</p> <p>Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Dispose contaminated material as waste according to Section 13.</p> <p>6.4. Reference to other sections:</p> <p>See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.</p>	<p>7. Section 7. Handling and storage:</p> <p>7.1. Precautions for safe handling:</p> <p>Protective measures: Wear protective equipment, see Section 8.</p> <p>Measures to prevent fire: 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.</p> <p>7.2. Conditions for safe storage, including any incompatibilities:</p> <p>Requirements for storage rooms and vessels:</p> <p>Must only be kept in original packaging. Observe official regulations on storing packagings with pressurized containers.</p> <p>Technical measures and storage conditions:</p> <p>Store in a cool, well-ventilated place. Observe official regulations on storing packagings with pressurized containers.</p>

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Further information on storage conditions:

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

7.3. Specific end use(s): No further relevant information available.

8. Section 8. Exposure controls/personal protection:

8.1. Control parameters:

Components with limit values that require monitoring at the workplace:

WEL (United Kingdom): EH40/2005

CAS	Substance	Long-term (8-hr TWA ref. period)		Short-term (15 minute ref. period)		Comments
		ppm	mg/m ³	ppm	mg/m ³	
811-97-2	1,1,1,2-Tetrafluoroethane	1000	4240	-	-	

OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG

Contains no substances with occupational exposure limit values.

Additional information: The lists that were valid during the compilation were as basis.

8.2. Exposure controls:

Technical measures to prevent exposure:

Ensure good ventilation/exhaustion at the workplace.

Ensure eye bath is to hand.

General protective measures: The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid breathing vapours.

Personal protection equipment:

Respiratory protection: Respiratory protection usually not required with adequate ventilation.

Eye protection: Safety goggles.

Hand protection: Protective gloves.

Skin protection: Protective clothing.

9. Section 9. Physical and chemical properties:

9.1. Information on basic physical and chemical properties:

Form: Paste.

Colour: Copper.

Odour: Oil.

Odour threshold: Not determined.

Value pH at 20 °C: Not determined.

Melting point/freezing point: Not determined.

Initial boiling point/boiling range: Not determined.

Flash point: Not determined.

Evaporation rate: Not determined.

Flammability (solid, gas): Not determined.

Explosive properties: Not determined.

Explosive limits:

- lower: Not determined.
- upper: Not determined.

Vapour pressure at 20°C: Not determined.

Vapour density at 20 °C: Not determined.

Density at 20°C: Not determined.

Relative density: Not determined.

Solubility in/miscibility: Water: Not miscible.

Partition coefficient (n-octanol/water): Not determined.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Self-ignition temperature: Not determined.

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Viscosity: Not determined.
 Oxidising properties: Not determined.
 9.2. Other information: No further relevant information available.

10. Section 10. Stability and reactivity:

10.1. Reactivity: Stable under recommended transport or storage conditions.
 10.2. Chemical stability: Stable under normal conditions.
 10.3. Possibility of hazardous reactions:
 Hazardous reactions will not occur under normal transport or storage conditions.
 Decomposition may occur on exposure to conditions or materials listed below.
 10.4. Conditions to avoid: Heat.
 10.5. Incompatible materials: Strong oxidising agents, strong acids.
 10.6. Hazardous decomposition products:
 In combustion emits toxic fumes.

11. Section 11. Toxicological information:

11.1. Information on toxicological effects:
 Acute toxicity: Based on available data, the classification criteria are not met.
 Skin corrosion/irritation: Based on available data, the classification criteria are not met.
 Serious eye damage/irritation: Based on available data, the classification criteria are not met.
 Respiratory or skin sensitization:
 Based on available data, the classification criteria are not met.
 Germ cell mutagenicity: Based on available data, the classification criteria are not met.
 Carcinogenicity: Based on available data, the classification criteria are not met.
 Reproductive toxicity: 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.
 Other information:
 After inhalation: No symptoms.
 After skin contact: There may be mild irritation at the site of contact.
 After eye contact: There may be irritation and redness.
 After swallowing: There may be irritation of the throat.

12. Section 12. Ecological information:

12.1. Toxicity:
 Aquatic toxicity: No further relevant information available.
 12.2. Persistence and degradability: Biodegradable.
 12.3. Bioaccumulative potential: No bioaccumulation potential.
 12.4. Mobility in soil: Readily absorbed into soil.
 12.5. Results of PBT and vPvB assessment:
 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 12.6. Other adverse effects: Negligible ecotoxicity.




13. Section 13. Disposal considerations:

13.1. Waste treatment methods:
 Product disposal: Do not allow product to reach sewage system.
 European Waste Catalogue:
 16 03 06 organic wastes other than those mentioned in 16 03 05
 Packagings disposal: Disposal must be made according to official regulations.
 European Waste Catalogue:
 15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
 (*hazardous waste)
 Other disposal recommendations:
 Disposal must be made according to official regulations.

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The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

14. Section 14. Transport information:

- 14.1. UN number:
ADR, IMDG, IATA UN 1950
- 14.2. UN proper shipping name:
ADR UN 1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, non-flammable
- 14.3. Transport hazard class(es):
ADR 
- Class 2.5A Gases
Hazard label 2.2
IMDG 
- Class 2.2
Hazard label 2.2
IATA 
- Class 2.2
Hazard label 2.2
- 14.4. Packing group:
ADR, IMDG, IATA Void.
- 14.5. Environmental hazards: No.
Marine pollutant: No.
- 14.6. Special precautions for user: Warning: Gases
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Not applicable
- ADR
Limited quantities (LQ) 1L
Transport category 3
Tunnel restriction code: E
UN "Model Regulation": UN 1950 AEROSOLS, 2.2

15. Section 15. Regulatory information:

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

Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)
Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended
Commission Decision 2000/532/EC establishing a list of wastes, as amended
Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended
Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values
Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

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Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

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

16. Section 16. Other information:

Relevant H-statements (Section 3):

H280 Contains gas under pressure; may explode if heated.

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)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative, Toxic

vPvB: Very Persistent, Very Bioaccumulative

WEL: Workplace exposure limits

Aerosol 3: Aerosol, category 3

Press. Gas: Gases under pressure

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

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.

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