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| Date of issue: 29/08/2016 | Trade name: | Page: 1/8 |
| Reviewed on: | EASY AUTO GREASE | Version: 1.0 |

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

1.1. Product identifier:

Trade name: **EASY AUTO GREASE**
Product code: **1 20002**

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]:
Flam. Aerosol 1 H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.
Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements:

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



Signal Word: Danger

Hazard Statements:

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P260 Do not breathe spray.
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.
P211 Do not spray on an open flame or other ignition source.
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.

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Contained dangerous substances:
64742-49-0 Naphtha (petroleum), hydrotreated light

- 2.3. Other hazards:
Results of PBT and vPvB assessment:
Not applicable.

3. Section 3. Composition/information on ingredients:

- 3.2. Mixtures:
Description of the mixture: Mixture of active ingredients with propellants

Hazardous ingredients:

| | | |
|---|--|-------------|
| CAS: 64742-49-0 EC Nr.: 921-024-6 Reg.nr.: 01-2119475514-35 | Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha (containing < 0.1 % benzene) Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336 | 25 - 50 % |
| CAS: 109-66-0 EINECS: 203-692-4 Reg.nr.: 01-2119459286-30 | Pentane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336 | 12.5 - 20 % |
| CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21 | Propane Flam. Gas 1, H220; Press. Gas, H280 | 12.5 - 20 % |
| CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32 | Butane (containing < 0.1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280 | 5 - 10 % |
| CAS: 75-28-5 EINECS: 200-857-2 | Isobutane (containing < 0.1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280 | 5 - 10 % |

For full text of H-statements: see SECTION 16.

4. Section 4. First aid measures:

- 4.1. Description of first aid measures:
- General notes: When in doubt or if symptoms are observed, get medical advice.
- After inhalation: Move affected person to fresh air.
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.
- 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.
- After swallowing: Rinse mouth immediately and drink large quantities of water.
Immediately call a doctor.
- 4.2. Most important symptoms and effects, both acute and delayed:
No further relevant information available.
- 4.3. 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: Carbon dioxide (CO₂), extinguishing powder or water spray.
Fight larger fires with water spray or alcohol resistant foam.
- Unsuitable extinguishing agents: Water jet.
- 5.2. Special hazards arising from the substance or mixture:
No further relevant information available.
- 5.3. Advice for firefighters:
No special requirements.
Wear protective clothing and self-contained breathing apparatus.

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6. Section 6. Accidental release measures:

- 6.1. Personal precautions, protective equipment and emergency procedures:
Wear protective equipment, see Section 8.
Ensure adequate ventilation.
Keep away from ignition source.
- 6.2. Environmental precautions: Do not allow to enter sewage system, surface or ground water.
Inform respective authorities in case product reaches water course or sewage system.
- 6.3. Methods and material for containment and cleaning up:
Ensure adequate ventilation.
Dispose 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. Precautions for safe handling:
Protective measures: Wear protective equipment, see Section 8.
Ensure good ventilation/exhaustion at the workplace.
Measures to prevent fire: Do not spray onto a naked flame or any incandescent material.
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.
- 7.2. Conditions for safe storage, including any incompatibilities:
Requirements for storage rooms and vessels:
Store in a cool place.
Observe official regulations on storing packagings with pressurized containers.
Technical measures and storage conditions:
Observe official regulations on storing packagings with pressurized containers.
Further information on storage conditions:
Protect from heat and direct sunlight.
- 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 | |
| 109-66-0 | Pentane | 600 | 1800 | - | - | - |
| 106-97-8 | Butane | 600 | 1450 | 750 | 1810 | Carc, (only applies if Butane contains more than 0.1 % of buta-1,3-diene) |

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.
- General protective measures: Store away from foodstuffs, beverages and feed.
Take off immediately all contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale vapours/spray.
Avoid contact with skin, eyes.

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Personal protection equipment:

Respiratory protection: Not required. Ensure good ventilation/exhaustion at the workplace.

Eye protection: Not required.

Hand protection: Protective gloves

The glove material must be impermeable and resistant against the product/substance/preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

The final selection of the glove material must be carried out on the basis of penetration times, permeation rates and degradation.

Recommend material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Skin protection: Protective clothing.

9. Section 9. Physical and chemical properties:

9.1. Information on basic physical and chemical properties:

Form: Aerosol

Colour: Beige

Odour: Characteristic

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: < 0 °C

Evaporation rate: Not determined

Flammability (solid, gas): Not determined

Explosive properties: The product is not explosive. However, formation of explosive air/steam mixtures is possible.

Explosive limits:

– lower: 0.9 Vol %

– upper: 10.9 Vol %

Vapour pressure at 20°C: 3500 hPa

Vapour density at 20 °C: Not determined

Density at 20°C: 0.684 g/cm³

Relative density: Not determined

Solubility in/miscibility: Water: Not miscible or difficult to mix.

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

Ignition temperature: 230 °C

Decomposition temperature: Not determined

Self-ignition temperature: Product is not selfigniting.

Viscosity: Not determined

Oxidising properties: Not determined

9.2. Other information:

VOC (EU): 535.6 g/l

Organic solvent: 78.3 %

Solid content: 14.1 %

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10. Section 10. Stability and reactivity:

- 10.1. Reactivity: No further relevant information available.
 10.2. Chemical stability: No decomposition if used according to specifications.
 10.3. Possibility of hazardous reactions:
 No dangerous reactions known.
 10.4. Conditions to avoid: No further relevant information available.
 10.5. Incompatible materials: No further relevant information available.
 10.6. Hazardous decomposition products:
 No dangerous decomposition products known.

11. Section 11. Toxicological information:

11.1. Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Relevant hazards for substance:

64742-49-0 Naphtha (petroleum), hydrotreated light

| | | | |
|------------|---------|-----|---------------------------|
| Oral | LD50 | rat | > 5840 mg/kg |
| Dermal | LD50 | rat | > 2920 mg/kg |
| Inhalative | LC50/4h | rat | > 25200 mg/m ³ |
| | LC50/4h | rat | > 2 mg/l |

109-66-0 Pentane

| | | | |
|------------|---------|--------|-------------------------|
| Oral | LD50 | rat | > 16000 mg/kg |
| Dermal | LD50 | rat | > 2500 mg/kg |
| | LD50 | rabbit | > 5000 mg/kg |
| Inhalative | LC50/4h | rat | > 100 mg/m ³ |

106-97-8 Butane

| | | | |
|------------|---------|-----|--------------------------|
| Inhalative | LC50/4h | rat | 658000 mg/m ³ |
|------------|---------|-----|--------------------------|

Skin corrosion/irritation: Causes skin irritation.

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:

May cause drowsiness or dizziness.

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:

No further relevant information available.

12. Section 12. Ecological information:

12.1. Toxicity:

Aquatic toxicity: No further relevant information available.

64742-49-0 Naphtha (petroleum), hydrotreated light

| | | |
|----------------|----------|---------------------------------|
| Fish: | EC50/24h | > 100 mg/l |
| | LC50/48h | 4924 mg/l |
| | LC50/96h | Pimephales promelas 2.5 mg/l |
| Invertebrates: | EC50/24h | Daphnia magna > 10 mg/l |

109-66-0 Pentane

| | | |
|----------------|----------|---------------------------|
| Fish: | LC50/96h | 1 – 10 mg/l |
| Invertebrates: | EC50/48h | Daphnia magna 9.7 mg/l |

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.

Additional ecological information:

Ecotoxic effects: Remark: Toxic for fish.

General notes: Water danger class 2 (German Regulation, self-assessment): hazardous for water

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Do not allow to enter water courses, ground water or drains.
 Danger to drinking water if even small quantities leak into the ground.
 Also poisonous for fish and plankton in water bodies.
 Toxic to aquatic organisms.

12.5. Results of PBT and vPvB assessment:

PBT: Not applicable.

VPvB: Not applicable.

12.6. Other adverse effects: No further relevant information available.

13. Section 13. Disposal considerations:

13.1. Waste treatment methods:

Product disposal: Transfer to a suitable container and arrange for collection by specialised disposal company.

Dispose of untreated material or waste in landfill or by incineration.

Must not be disposed together with household garbage.

Do not allow product to reach sewage system.

European Waste Catalogue:

16 03 05* organic wastes containing hazardous substances

(*hazardous waste)

Packagings disposal:

Dispose of uncleaned packagings in landfill or by incineration.

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)

Uncontaminated packaging can be recycled.

Other disposal recommendations:

Disposal must be made according to official regulations.

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, ENVIRONMENTALLY HAZARDOUS

IMDG AEROSOLS

IATA AEROSOLS, flammable

14.3. Transport hazard class(es):

ADR



Class 2.5F Gases

Hazard label 2.1

IMDG



Class 2.1

Hazard label 2.1

IATA



Class 2.1

Hazard label 2.1

14.4. Packing group:

ADR, IMDG, IATA Void.

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14.5. Environmental hazards:

Marine pollutant: Nein

14.6. Special precautions for user: Warning: Gases

EMS Number: F-D, S-U

Danger Code (Kemler): -

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:

Not applicable

ADR

Limited quantities (LQ) 1L

Transport category 2

Tunnel restriction code: D

UN "Model Regulation": UN 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1

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

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):

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 concerning the International Carriage of Dangerous Goods by Road)

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

EC50: Median effective concentration to 50% of a population

EC-Number: EINECS and ELINCS Number

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Median concentration lethal to 50 % of a test population

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LD50: Median dose lethal to 50 % of a test population
PBT: Persistent, Bioaccumulative, Toxic
Reg.nr.: Registration number
vPvB: Very Persistent, Very Bioaccumulative
WEL: Workplace exposure limits
Aquatic Chronic 2: Hazardous to the aquatic environment, category 2
Asp. Tox. 1: Aspiration hazard, category 1
Flam. Aerosol 1: Flammable aerosol, category 1
Flam. Gas 1: Flammable gas, category 1
Flam. Liq. 2: Flammable liquid, category 2
Press. Gas: Gases under pressure
Skin Irrit. 2: Skin irritation, category 2
STOT SE 3: Specific target organ toxicity — single exposure, category 3

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.**