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Revision: 07.02.2007 Replaces the version of: 26.10.2004 PDF date: 21.05.2007

Motorcycle Eng & Wheel Cleaner 500ml

Art.: 500105

Safety Data Sheet according to EC-Regulation 91/155/EEC

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Motorcycle Eng & Wheel Cleaner 500ml

Art.: 500105

Use of the substance/preparation

For the removal of tape residues, oil, grease, wax and tar

Company/undertaking identification

Wurth UK Ltd 1 Centurion Way, Erith, UK-DA18 4AE Kent
Telephone 020 8319 6000, Fax 020 8319 6400

Distributor: see point 16 of this EC safety data sheet

Emergency telephone / Office for advice

Advisory office in case of poisoning:

Tel.: +49 30 / 19240 Berlin

Telephone number of the company in case of emergencies:

Tel. 020 8319 6000 (08-00 h - 18-00 h)

REGULATION (EC) No 648/2004

perfumes
d-Limonene
30 % and more
aliphatic hydrocarbons

2. Composition/information on ingredients

Aerosol

2.1 Chemical name	content %	symbol	R-phrases	EINECS, ELINCS
Naphtha (petroleum), hydrotreated light	50 - 90	F/Xn/Xi/N	11-38-51-53-65-67	265-151-9
Carbon dioxide	1 - 10			204-696-9
Sweet orange extract	15 - 25	Xn	10-65	232-433-8

For complete wording of the R-phrases, refer to point 16.

3. Hazards identification

3.1 To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC.

Product results in an irritant effect.

Product is highly flammable.

Danger of bursting (explosion) when heated.

When using: development of explosive vapour/air mixture possible.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness

3.2 To the environment

See point 12.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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4. First aid measures

4.1 Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

4.2 Eye contact

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Consult doctor immediately - keep Data Sheet available.

Do not induce vomiting.

Danger of aspiration.

4.5 Special resources necessary for first aid

n.c.

5. Fire-fighting measures

5.1 Suitable extinguishing media

Foam

CO2

Water jet spray

Cool container at risk with water.

5.2 Extinguishing media which must not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Danger of explosion by prolonged heating.

Gases hazardous to health

5.4 Special protective equipment for fire-fighters

According to size of fire

Protective respirator with independent air supply

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.2 Environmental measures

If leakage occurs, dam up.

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

Avoid release to the environment.

6.3 Methods for cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Active substance:

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13.

7. Handling and storage

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7.1 Handling

Tips for safe handling:

See point 6.1
 Keep away from sources of ignition - Do not smoke.
 Ensure good ventilation.
 Without adequate ventilation, formation of explosive mixtures may be possible.
 Take precautions against electrostatic charges.
 Observe directions on label and instructions for use.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.
 Observe special regulations for aerosols.

Special storage conditions:

See point 10.2
 Only store at temperatures from 5°C to 25°C
 Store in a dry place.

8. Exposure controls/personal protection

(GB) Chemical Name	Naphtha (petroleum), hydrotreated light		
WEL-TWA: ** 200 ppm (1000 mg/m3) (AGW)	WEL-STEL: ** 4 (AGW)		---
BMGV: ---	Other information: ---		

(IRL) Chemical Name	Naphtha (petroleum), hydrotreated light		
WEL-TWA: ** 200 ppm (1000 mg/m3) (AGW)	WEL-STEL: ** 4 (AGW)		---
BMGV: ---	Other information: ---		

(GB) Chemical Name	Carbon dioxide		
WEL-TWA: 5000 ppm (9150 mg/m3) (WEL), 5000 ppm (9000 mg/m3) (EC)	WEL-STEL: 15000 ppm (27400 mg/m3) (WEL)		---
BMGV: ---	Other information: ---		

(IRL) Chemical Name	Carbon dioxide		
WEL-TWA: 5000 ppm (9150 mg/m3) (WEL), 5000 ppm (9000 mg/m3) (EC)	WEL-STEL: 15000 ppm (27400 mg/m3) (WEL)		---
BMGV: ---	Other information: ---		

(GB) WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(IRL) OELV-8h = Occupational Exposure Limit Value (8-hour reference period) | OELV-15min = Occupational Exposure Limit Value (15-minute reference period) | BLV = Biological limit value | Other information: C1, C2 = carcinogenic substance, Cat. 1 or 2. Mut 1, 2 = mutagenic substance, Cat. 1 or 2. Repro 1, 2 = Substances known to be toxic for reproduction, Cat. 1 or 2. Sk = can be absorbed through skin. Asphyx = asphyxiant. Sen = Respiratory sensitizer.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.

Respiratory protection:

If OES or MEL is exceeded.

Gas mask filter A (EN 141)

Hand protection:

Protective nitrile gloves (EN 374)

Solvent resistant protective gloves (EN 374).

Eye protection:

With danger of contact with eyes

Tight fitting protective goggles with side protection (EN 166).

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Skin protection: Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

9. Physical and chemical properties

Physical state:	Aerosol
Propellant gas:	
Carbon dioxide	
Colour:	Colourless
Odour:	Characteristic
Boiling point/range (°C):	~ 63
Melting point/range (°C):	n.av.
Flash point (°C):	n.a.
Flammability (solid/gas):	Yes
Ignition temperature:	255°C
Minimum limit of explosion:	0,7 Vol%
Maximum limit of explosion:	8 Vol%
Vapour pressure:	6.200 mbar/20°C, 8.000 mbar/50°C
Density (g/ml):	0,69 - 0,74
Solubility in water:	Insoluble

10. Stability and reactivity

Conditions to avoid

See point 7

Pressure increase will result in danger of bursting.

Pressurized container:

protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Materials to avoid

See point 7

Avoid contact with oxidizing agents.

Avoid contact with strong alkalis.

Avoid contact with strong acids.

Hazardous decomposition products

See point 5.3

11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):

n.av.

Inhalation, LC50 rat inhal.(mg/l/4h):

k.D.v., See point 15.

Skin contact, LD50 rat dermal (mg/kg):

k.D.v., Irritant

Eye contact:

n.av.

Delayed and chronic effects

Sensitization:

n.c.

Carcinogenicity:

n.c.

Mutagenicity:

n.c.

Reproductive toxicity:

n.c.

Narcosis:

n.c.

Further information

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Classification according to calculation procedure.

The following may occur:

Product removes fat

Irritation of the respiratory tract

It is not possible to rule out other dangerous properties.

Effect on the central nervous system

Nausea

Headaches

12. Ecological information

Water hazard class (Germany):

1

Self classification:

Yes (VwVwS)

Persistence and degradability:

* Naphtha (petroleum), hydrotreated light

Readily biodegradable *

Behaviour in sewage plants:

Product can compose a film on the water surface, which can prevent oxygen exchange.

AOX:

k.D.v.

Aquatic toxicity:

n.av.

Ecological toxicity:

n.av.

13. Disposal considerations

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

16 05 04 gases in pressure containers (including halons) containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

15 01 04 metallic packaging

14. Transport information

General statements

UN-Number:

1950

Road/Rail-transport (ADR/RID)

Class/packing-group:

2/-

UN 1950 AEROSOLS

Classification code:

5F

LQ:

2

Transport by sea

IMDG-code:

2.1/- (class/packing-group)

EmS:

F-D, S-U

Marine Pollutant:

Yes

AEROSOLS

Sweet orange extract

Transport by air

IATA:

2.1/-/ (class/secondary danger/packing-group)

Aerosols, flammable

Additional information:

Danger code and packing code on request.



15. Regulatory information

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Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)



Symbols: F/Xi/N

Indications of danger:

Highly flammable

Irritant

Dangerous for the environment

R-phrases:

11 Highly flammable.

38 Irritating to skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

67 Vapours may cause drowsiness and dizziness.

S-phrases:

23.c Do not breathe spray.

24 Avoid contact with skin.

29/35 Do not empty into drains; dispose of this material and its container in a safe way.

51 Use only in well-ventilated areas.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Additions:

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 the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

Observe restrictions: Yes

Observe restrictive guidelines 76/769/EEC, 1999/51/EC, 1999/77/EC

VOC-CH 95,9%

16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 2 B

Revised points: 2

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2).

11 Highly flammable.

38 Irritating to skin.

51 Toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

65 Also harmful: may cause lung damage if swallowed.

67 Vapours may cause drowsiness and dizziness.

10 Flammable.

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Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

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AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)
VbF = Regulations for flammable liquids (Austria)
WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water
VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds
VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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