

MATERIAL SAFETY DATA SHEET

RACHEL HANDPIECE LUBRICANT

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

| | |
|----------------------|---|
| Producer Company | BAŞAK DENTAL SAN TİC LTD ŞTİ |
| Address | MOLLA GÜRANİ MH OĞUZHAN CD NO:26/A FATİH İSTANBUL TÜRKİYE |
| Telephone | +90 212 451 39 55 |
| Fax | +90 212 451 39 55 |
| Product type | RACHEL HANDPIECE LUBRICANT |
| Uses advised against | For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses below. |

Emergency Call Number 114 (For Local calls only)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture :

2.1.1 1272/2008 (SEA) according to EU directives classification.

CLP classification : Aerosols, hazard category, Flam. Liq. 2, STOT SE 3., Asp. Tox. 1, Aquatic Chronic 2.

2.1 mixture Classification (99/45/EC) : ---

CLP classification : Aerosols, hazard category, Flam. Liq. 2, STOT SE 3., Asp. Tox. 1, Aquatic Chronic 2.

Additional Packing information : Important pressured can. Keep away from direct sunlight. Keep lower than 50 °C. Do not pierce or burn even after use.

Human health hazards: Causes skin irritation. It can lead to lethargy, or dizziness. Prolonged or repeated exposure may cause damage to the central nervous system results. If swallowed and enter airways can be fatal. Possible risk of impaired fertility. Narcotic effect can be exposed to high concentrations of vapor density.

Physical and chemical hazards: Extremely flammable. Keep away from sources of ignition - no smoking. Do not spray on naked flame or incandescent substances. Fire, spray next to heat sources or electrical devices running. When exposed to temperatures above 50 °C the aerosol may explode due to internal pressure buildup.

Environmental Hazards: Toxic to aquatic life with long-term lasting effect.

Other information : Keep out of reach of children. Wear suitable protective clothing and gloves.

Caution: Do not inhale the spray. Use only in well-ventilated areas. Spray only at short intervals for a short time. Ventilate well after use. It is harmful to domestic animals.

2.1.2 Classification directives according to 67/548/AET ve 1999/45/EU (including changes) F+,

Extremely Flammable

Xi, Irritation, R36/38

N, Damage to the environment, R51/53, R67

2.2 Label elements

Hazard pictograms:



F, Highly flammable, R11

Xi, Irritant, R38

N, Dangerous for the environment, R51/53

R Phrases

R11 Highly flammable.

R36/38 Irritating to eyes and skin.

R40 Limited evidence of a carcinogenic effect.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R67 Vapors may cause drowsiness and dizziness

S Phrases

S1/2 Keep locked up and out of the reach of children S9

Keep container in a well-ventilated place

S13 Keep away from food, drink and animal foodstuffs S16

Keep away from sources of ignition - No smoking S23 Do

not breathe gas/vapour/spray

S24/25 Avoid contact with skin and eyes

S29/35 Do not empty into drains; dispose of this material and its container in a safe way. S51 Use

only in well-ventilated areas

S61 Avoid release to the environment. Refer to special instructions/safety data sheet

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

Hazard pictograms (CLP) :



Signal word: : DANGER

Hazardous ingredients : hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

H and P Statements :

H222 Highly flammable aerosol.

H229 Pressurebox: it may explode if heated

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H373 May be fatal if swallowed and enters airways. H304

May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

H361 Suspected of damaging fertility or the unborn child.

P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking P211 Do not spray on an open flame or other ignition source

P251 Pressurized container – Do not pierce or burn, even after use P261

Avoid breathing dust/fume/gas/mist/vapours/spray

P273 Avoid release to the environment

P331 Do NOT induce unsettled stomach

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P271 Use only outdoors or in a well-ventilated area

P281 Use personal protective equipment as required

P302+P352 IF ON SKIN: Wash with soap and water

P308+P313 IF exposed or concerned: Get medical advice/attention P403

Store in a well ventilated place

P501 Dispose of contents/container to an official chemical waste depot.

2.3 Other Hazards

PBT and vPvB free

Directives (EU) No 648/2004

30% and more aliphatic hydrocarbons

3. COMPOSITION/ INFORMATION INGREDIENTS

| Aerosol | | | |
|---|-----------|------------|-------|
| Material Name | EC-No | CAS No | % |
| Naphtha (petroleum), hydrotreated heavy | 265-150-3 | 64742-48-9 | 62-68 |

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Classification (EC 1272/2008) Flam.
Liq. 3 – H226
Skin Irrit. 2 – H315
Asp. Tox. 1 – H304
STOT SE 3 – H336
Aq. Chro. 2 – H411

Classification (67/548/EEC) Xi;
R38
Xn; R65 N;
R51/53
R10, R67

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| | | | |
|--|-----------|---|-------|
| Lubricating oils | 278-012-2 | 74869-22-0 | 10-15 |
| Classification (EC 1272/2008) Repr. 2 H361 Carc. 1B H350 STOT Rep. Exp. 1 H372 | | Classification (67/548/EEC) Xn; R48/21 Carc. Cat. 2; R45 Repr. Cat. 3; R63 | |
| Liquid Petroleum Gas (<0.1 1,3 butadien) | 270-704-2 | 68476-85-7 | 5-10 |
| Classification (EC 1272/2008) Flam. Gas 1 H220 Liquefied gas H280 Acute Tox. 4 H332 | | Classification (67/548/EEC) F+; R12 Xn; R20, R48/20 | |

| | |
|---------------------|--|
| General Information | Get medical attention if any discomfort continues. |
| Inhalation | Remove the patient from danger area. Provide the person with fresh air. Bring to a stable side position and consult a doctor if there is issue of loss of consciousness |
| Ingestion | Rinse your mouth thoroughly with water. Do not induce vomiting, give plenty of water to drink. Please consult your doctor immediately. In case of vomiting, the head should be kept below. |
| Skin Contact | Remove all clothing which is contaminated and infected with the agent. Wash thoroughly with plenty of soap. May cause irritation, get medical attention. |
| Eye Contact | Remove contact lenses. Immediately remove eye lids and wash with plenty of water. Get medical attention if irritation persists. |

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing | CO2, Dry Chemical Powder, Water, alcohol-resistant foam |
|------------------------|---|

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|------------------------------|--|
| Explosion Hazardous | Explosion during the fire. Keep a distance from unprotected people. Under risk containers should be cooled with water. Firefighting should be advised about the existence of aerosol cans. |
| Special Protective Equipment | In case of fire, wear independent respiratory protective equipment with surrounding air and chemicals. |
| Additional Information | In case of combustion, carbon dioxide, carbon monoxide and sulfur gas occurs |

6. ACCIDENTAL RELEASE MEASURES

| | |
|------------------------------------|--|
| Personal Precautions Equipment | Wear personal protective equipment. Look Section 8. Remove any source of ignition. Do not smoke. Ensure adequate ventilation. Avoid contact with eyes and skin. Attention to slip hazard. |
| Environmental Protection Measures | Prevent penetration into the soil, surface and groundwater. Accumulation could be dangerous so that prevents leakage to sewers, basements and pits. In case of accidental leakage into sewers, notify the competent authorities. |
| Measures for Cleaning / Collecting | Aerosol / gas escapes, ensure ample fresh air. Without adequate ventilation, may explode mixture may occur. Take active ingredient with liquid collects material. Dispose of in Accordance with Section 13. |

7. HANDLING AND STORAGE

| | |
|--------------------------------------|---|
| General Recommendations for Safe Use | Ventilate the space well. Avoid the inhalation of vapor. Keep away from sources of ignition. Do not smoke. If necessary precautions should be taken against static discharges. Do not use on hot surfaces. Avoid contact with eyes and skin. Do not eat, drink, or smoke in the study area. Do not store with food items. Observe directions on label and instructions for use. Use working methods according to operating instructions |
| Secure Storage Conditions | Keep out of the reach of unauthorized persons. Keep products in their original packaging and only the mouth is closed. Do not store items in gangways or stair. Do not store together with oxidizing agents. Observe special regulations for AEROSOLS prepared. Protect from direct sunlight and temperatures over 50 ° C. Store in a well ventilated area. |
| Additional Information | Keep out of the reach of children. Classified as flammable gas in storage and transport. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Workplace limits to be worth checking that components are: |
| Lubricating oils |
| PNEC oral = 9.33 mg/kg food |

Protection Equipment:



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| Ventilation | Ensure good ventilation in the work area. 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. |
| Breath Protection | Special equipment is not necessary in well ventilated area. In poorly ventilated areas, use an artificial respirator. |
| Hand Protection | Avoid from direct contact. Wear solvent resistant protective gloves (Nitrile gloves – EN 374) |
| Eye Protection | Tight fitting protective goggles with side protection. (EN 166) |
| | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|----------------|
| Other Protection | Aerosol |
| Colour | Transparent |
| Odour | Solvent Odour |
| Flash Point (°C) (min) | 14 |
| Boiling Point (°C) (min) | 68 |
| Density (g/cm ³) | 0,715 |
| pH | 6-7 |
| Vapour Pressure (20°C) Bar | Not determined |
| Vapour Density | Not determined |

10. STABILITY AND REACTIVITY

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|----------------------------------|--|
| Stability | Stabil under normal temperature. |
| Conditions to Avoid | When exposed to heat in excess of + 50 ° C shows the decomposition hazard. |
| Hazardous Decomposition Products | May be. |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

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|--------------------------------------|---|
| Swallowing | Mouth, esophagus and gastric mucosa can lead to necrosis and combustion. rapid administration of oxygen can cause stomach swelling. |
| Contact with skin | Prolonged and repeated contact with skin may cause allergic reactions. in direct contact with sensitive skin, wash thoroughly with soap and water . |
| Contact with Eye | It may cause irritation |
| Additional toxicological information | Breathe vapors can irritate the mucous membranes in the respiratory tract. Cough, causes breathing difficulties and headaches . |

12. ECOLOGICAL INFORMATION

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|-------------|--|
| Ekotoxicity | Long-term ecological studies have not been conducted for this product . Sewage , dispose of the wastewater treatment plant effluent water drainage systems . |
|-------------|--|






13. DISPOSAL CONSIDERATION

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|--------------------------|---|
| Disposal Methods | Take aerosol cans to the private waste collectors that are still full. Take your empty aerosol cans for recycling. Do not cut, weld and drill uncleaned can. |
| European Waste Catalogue | Hazardous waste 2000/532 / EC as part of a waste code according to Commission Decision 91/689 / EEC must be disposed of in accordance with Directive to an official chemical waste depot . |
| Local Regulation | The prevailing regional disposal of waste should be in accordance with national and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be adhered to them. |

14. TRANSPORT INFORMATION

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|--|---|---|
| UN Number: 1950 | | |
| Transport by Road/by Rail (ADR/RID) UNpropershippingname(UN=UnitedNations) UN 1950 AEROSOLS | | |
| Class Classiification Code UN-Number Packing Group Environmental Hazards Risk Number Tunnel Restriction Code | 2.1 5F 1950 II Environmentally Hazardous 23 D |   |
| Transport By Sea (IMDG-Code) UNpropershippingname(UN=UnitedNations) AEROSOLS | | |
| Class Packing Group EMS Number Environmental Hazards Marine Pollutant | 2.1 II F-D, S-U yes Damage Environment |   |
| Transport by Air(IATA) UNpropershippingname(UN=UnitedNations) AEROSOLS, FLAMMABLE | | |
| Class Packing Group Environmental Hazards | 2.1 II Not Applicable |  |

15. REGULATORY INFORMATION

Classification according to Directives **1272/2008 (SEA) (EU)** and 1999/45/EC (including amendments)

16. OTHER INFORMATION

| R PHRASE | |
|-----------|---|
| R11 | Highly flammable |
| R20/21 | Harmful by inhalation and in contact with skin. |
| R36/37/38 | Irritating to eyes, respiratory system and skin. |
| R40 | Limited evidence of a carcinogenic effect. |
| R48/20 | Harmful: danger of serious damage to health by prolonged exposure through inhalation. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R67 | Vapours may cause drowsiness and dizziness. |

| H PHRASE | |
|----------|--|
| H225 | Highly flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |

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| | |
|------|---|
| H332 | Harmful if inhaled |
| H336 | May cause drowsiness or dizziness |
| H351 | Suspected of causing cancer |
| H361 | Suspected of damaging fertility or the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H411 | Toxic to aquatic life with long lasting effects |

Full text of classifications (Part 3)

Abbreviations:

| | |
|----------|---|
| ATE | Acute toxicity estimate |
| BCF | Bioconcentration factor |
| DNEL | Derived No-Effect level substance |
| IBC kodu | International chemical spill code |
| PBT | Persistent, Bioaccumulative and Toxic |
| PC | Chemical product category |
| PNEC | Predicted effect concentrations |
| STP | Waste water treatment plants |
| SU | Used sector |
| ZAO/KSMS | Time weighted average/short term exposure limitvPvB |
| K.S. | Short term |
| U.S. | Long term |

Prepared from TSE certificated personel.

DISCLAIMER

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