

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, 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. - 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 Inhale 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

Suitable Extinguishing	CO ₂ , Dry Chemical Powder, Water, alcohol-resistant foam
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Explosion Chemicals	Hazardous	Exploded 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 Equipment	Protective	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

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

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:

Swallowing	Mouth, esophagus and gastric mucosacan lead to necrosiscombustion. rapid administration ofoxygencan cause stomach swelling.
Contact with skin	Prolonged and repeated contact withskin may cause allergic reactions. in direct contactwith sensitive skin , wash thoroughly with soap and water .
Contact with Eye	It may cause irritation
Additional toxicological information	Breathevaporscanirritatethemucousmembranesintherespiratorytract. Cough,causesbreathing difficulties and headaches .

12. ECOLOGICAL INFORMATION

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

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 / ECaspart ofawaste 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 morestringentthanregional ornational 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 limitVpB
K.S.	Short term
U.S.	Long term

Prepared from TSE certificated personel.

DISCLAIMER

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