

SAFETY DATA SHEET

DENTAL LUBRICANT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name DENTAL LUBRICANT
Product number A2607
Internal identification 10010

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

Identified uses Lubricant.

1.3. Details of the supplier of the safety data sheet

Supplier UnoDent Ltd,
10 Perry Way,
Witham,
Essex,
United Kingdom,
CM8 3SX.
(01376) 500582

1.4. Emergency telephone number

Emergency telephone (01376) 500582

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Aerosol 1 - H222, H229

Health hazards

Asp. Tox. 1 - H304

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

F+;R12.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated

Precautionary statements

DENTAL LUBRICANT

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

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

P102 Keep out of reach of children.

P260 Do not breathe vapour/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

P501 Dispose of contents/container in accordance with national regulations.

Contains

HYDROCARBON PROPELLANT

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

REFINED MINERAL OIL		60-100%
CAS number: 8042-47-5 EC number: 232-455-8 REACH registration number: 01-2119487078-27-xxxx		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Asp. Tox. 1 - H304	Xn;R65.	
HYDROCARBON PROPELLANT		30-60%
CAS number: 68476-85-7 EC number: 270-704-2		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220	F+;R12.	
Press. Gas, Liquefied - H280		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments Aerosol propelled by liquefied petroleum gas.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**Inhalation**

Vapours may cause drowsiness and dizziness.

Ingestion

Aspiration hazard if swallowed.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

DENTAL LUBRICANT

Eye contact

May cause discomfort.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Extremely flammable aerosol. Pressurised container: may burst if heated

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective actions during firefighting

Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Wear protective gloves, eye and face protection. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Eliminate all sources of ignition. Provide adequate ventilation. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C/122°F. Keep out of the reach of children. Provide adequate ventilation. Avoid inhalation of vapours/spray and contact with skin and eyes. Wear protective gloves. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

DENTAL LUBRICANT

Storage precautions

Store at temperatures between 4°C and 40°C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage class

Flammable compressed gas storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

REFINED MINERAL OIL

Long-term exposure limit (8-hour TWA): 5 mg/m³ (Oil mist)

HYDROCARBON PROPELLANT

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

Hygiene measures

Wash hands thoroughly after handling.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Colour

Colourless.

Odour

Hydrocarbons.

pH

Not applicable.

Solubility(ies)

Insoluble in water.

9.2. Other information

DENTAL LUBRICANT

Other information

Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Aspiration hazard

Aspiration hazard if swallowed.

Inhalation

Vapours may cause drowsiness and dizziness.

Ingestion

Aspiration hazard if swallowed.

Skin contact

Prolonged contact may cause dryness of the skin.

Eye contact

May cause discomfort.

Toxicological information on ingredients.

DENTAL LUBRICANT REFINED MINERAL OIL

Toxicological effects

No information available.

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

5,000.0

Species

Rat

No information available.

ATE oral (mg/kg)

5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

2000.10

Species

Rabbit

No information available.

ATE dermal (mg/kg)

2000.10

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l)

5000.0

Species

Rat

No information available.

ATE inhalation (vapours mg/l)

5000.0

Skin corrosion/irritation

Animal data

Not irritating.

Skin sensitisation

- : No information available.

Carcinogenicity

No information available.

Reproductive toxicity

Reproductive toxicity - fertility

No information available.

Reproductive toxicity - development

No information available.

Specific target organ toxicity - single exposure

STOT - single exposure

No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

No information available.

DENTAL LUBRICANT HYDROCARBON PROPELLANT

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l)

21.0

Species

Rat

ATE inhalation (vapours mg/l)

21.0

SECTION 12: Ecological Information

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute toxicity - fish

Not determined.

Ecological information on ingredients.

REFINED MINERAL OIL

Acute toxicity - fish

Not available.

Acute toxicity - aquatic plants

Not available.

Acute toxicity - microorganisms

Not available.

12.2. Persistence and degradability

Persistence and degradability

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

DENTAL LUBRICANT

UN No. (ADN) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

IMDG class 2.1

ICAO class/division 2.1

Transport labels



14.4. Packing group

ADR/RID packing group 5F

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation

Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 28/05/2015

Revision 2.0

Supersedes date 25/03/2013

Risk phrases in full

DENTAL LUBRICANT

R12 Extremely flammable.

R65 Harmful: may cause lung damage if swallowed.

Hazard statements in full

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

9/9