

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 01.07.2015

Revision: 01.07.2015

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

- **1.1 Product identifier**
- **Trade name: Omni Universal Ölspray**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Lubricant
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
OMNIDENT Dental-Handelsgesellschaft m.b.H.  
Gutenbergring 7-9  
D- 63110 Rodgau  
Fon: +49 (6106) 8 74 - 0  
Fax: +49 (6106) 8 74 - 265  
Web: www.omnident.de
- **Further information obtainable from:**  
Produktmanagement  
Fon: +49 (6106) 8 74 - 0
- **1.4 Emergency telephone number:**  
Notrufnummer: Erreichbar werktags  
von 8.00 - 16.30 Uhr  
Fon: +49 (6106) 8 74 - 0  
Fax: +49 (6106) 8 74 - 265  
eMail: info@omnident.de

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

*Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.*

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



F+; Extremely flammable

R12: Extremely flammable.

- **Information concerning particular hazards for human and environment:**

*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*

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

- **Classification system:**

*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

*The product is classified and labelled according to the CLP regulation.*

- **Hazard pictograms**



GHS02

- **Signal word** Danger

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- **Hazard statements**

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

- **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

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

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

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

- **Additional information:**

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

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.





- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

|                   |         |   |        |
|-------------------|---------|---|--------|
| CAS: 74-98-6      | propane |  F+ R12                                | 25-50% |
| EINECS: 200-827-9 |         |  Flam. Gas 1, H220; Press. Gas C, H280 |        |
| CAS: 106-97-8     | butane  |  F+ R12                                | 10-25% |
| EINECS: 203-448-7 |         |  Flam. Gas 1, H220; Press. Gas C, H280 |        |

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** If symptoms persist consult 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.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

- **5.3 Advice for firefighters**

- **Protective equipment:** No special measures required.

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### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions: No special measures required.**

· **6.3 Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· **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.

### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** Open and handle receptacle with care.

· **Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised 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**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

· **Information about storage in one common storage facility: Not required.**

· **Further information about storage conditions:**

Keep container tightly sealed.

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

· **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

**106-97-8 butane**

WEL Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm

Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm

Carc (if more than 0.1% of buta-1.3-diene)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

· **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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- **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.

- **As protection from splashes gloves made of the following materials are suitable:**

Butyl rubber, BR  
Nitrile rubber, NBR  
Natural rubber, NR

- **Eye protection:**



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Aerosol  
Compressed liquefied gas

**Colour:** Clear

- **Odour:** Characteristic

- **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** -44 °C

- **Flash point:** -97 °C

- **Ignition temperature:** 365 °C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits:**

**Lower:** 1.5 Vol %

**Upper:** 10.9 Vol %

- **Vapour pressure at 20 °C:** 4.5 bar

- **Density at 20 °C:** 0.66 g/cm<sup>3</sup>

- **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

- **Solvent content:**

**Organic solvents:** <60 %

**VOC (EC)** 59

**Solids content:** 0

- **9.2 Other information** No further relevant information available.

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**SECTION 10: Stability and reactivity**

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** 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.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity**
- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Subacute to chronic toxicity:** None
- **Additional toxicological information:** None
- **Toxicokinetics, metabolism and distribution** None
- **Acute effects (acute toxicity, irritation and corrosivity)** None
- **Sensitisation** None
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** None
- **Germ cell mutagenicity** None
- **Carcinogenicity** None
- **Reproductive toxicity** None

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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:**
- **General notes:** Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

|          |   |
|----------|---|
| 16 00 00 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST                                      |
| 16 05 00 | gases in pressure containers and discarded chemicals                            |
| 16 05 04 | gases in pressure containers (including halons) containing dangerous substances |

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

|   |  |
|---|--|
| · <b>14.1 UN-Number</b><br>· <b>ADR, IMDG, IATA</b>   | UN1950   |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR</b><br>· <b>IMDG</b><br>· <b>IATA</b>   | 1950 AEROSOLS<br>AEROSOLS<br>AEROSOLS, flammable |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR</b>  |  |
|    |  |
| · <b>Class</b><br>· <b>Label</b>  | 2 5F Gases.<br>2.1                               |
| · <b>IMDG, IATA</b>   |  |
|    |  |
| · <b>Class</b><br>· <b>Label</b>  | 2.1<br>2.1                                       |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>   | Void   |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>  | No   |
| · <b>14.6 Special precautions for user</b><br>· <b>Danger code (Kemler):</b><br>· <b>EMS Number:</b>  | Warning: Gases.<br>-<br>F-D,S-U                  |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>  | Not applicable.                                  |
| · <b>Transport/Additional information:</b>  |  |
| · <b>ADR</b><br>· <b>Excepted quantities (EQ):</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Transport category</b><br>· <b>Tunnel restriction code</b> | E0<br>1L<br>2<br>D                               |
| · <b>UN "Model Regulation":</b>   | UN1950, AEROSOLS, 2.1                            |

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.

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· **Hazard pictograms**

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· **Signal word** *Danger*· **Hazard statements***H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.*· **Precautionary statements***P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.**P251 Pressurized container: Do not pierce or burn, even after use.**P211 Do not spray on an open flame or other ignition source.**P271 Use only outdoors or in a well-ventilated area.**P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.*· **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*\* **SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases***H220 Extremely flammable gas.**H280 Contains gas under pressure; may explode if heated.**R12 Extremely flammable.*· **Abbreviations and acronyms:***RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)**ICAO: International Civil Aviation Organisation**ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)**ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**VOC: Volatile Organic Compounds (USA, EU)**Flam. Gas 1: Flammable gases, Hazard Category 1**Flam. Aerosol 1: Flammable aerosols, Hazard Category 1**Press. Gas C: Gases under pressure: Compressed gas*· **\* Data compared to the previous version altered.**