

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.07.2014

Version number 1402

Revision: 10.07.2014

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

1.1 Product identifier

Trade name: **Nitram ÖL**

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

Application of the substance / the mixture: Attachment for dental instruments

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Lieferant: Sirona Dental A/S
Sindalsvej 36
DK-8240 Risskov
Tel.: +4587439060
Fax.: +4587439061
e-mail: contact.hygiene@sirona.com
homepage: http://www.sirona-hygiene.com

Hersteller: Graichen Produktions- und Vertriebs-GmbH
Darmstädter Str. 127 - 129
D-64625 Bensheim

Further information obtainable from: Environment protection department

1.4 Emergency telephone number: Advice centre for poisoning university Mainz phone +49(0)6131/19240
or poison information: +49(0)700/GIFTINFO

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system: Warning! Pressurized container.
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

Hazard pictograms: Void
Signal word: Void
Hazard statements: Void

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

2.3 Other hazards

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

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: Synthetic hydrogencarbon-oil, esteroil

Dangerous components: Void

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Position and transport stably in side position.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If symptoms persist consult doctor.

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- . **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: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- . For safety reasons unsuitable extinguishing agents: Water with full jet
- . **5.2 Special hazards arising from the substance or mixture**
- In case of fire, the following can be released:
Carbon monoxide (CO)
Hydrogencarbons
- . **5.3 Advice for firefighters**
- . Protective equipment: Wear self-contained respiratory protective device.
- . Additional information: Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures** Particular danger of slipping on leaked/spilled product.
Ensure adequate ventilation
- . **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- . **6.4 Reference to other sections** See Section 7 for information on safe handling.

SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling** Keep away from heat and direct sunlight.
- . Information about fire - and explosion protection: Use explosion-proof apparatus / fittings and spark-proof tools.
Do not spray onto a naked flame or any incandescent material.
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . Storage: Requirements to be met by storerooms and receptacles: Observe official regulations on storing packagings with pressurized containers.
- . Information about storage in one common storage facility: Store away from oxidizing agents.
Store away from foodstuffs.
- . Further information about storage conditions: Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- . **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: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
The lists valid during the making were used as basis.
- . Additional information:
- . **8.2 Exposure controls**
- . Personal protective equipment: Avoid contact with the skin.
- . General protective and hygienic measures:

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- . Respiratory protection:
- . Protection of hands:
- . Material of gloves
- . Penetration time of glove material

- . Eye protection:

Do not eat or drink while working.
 Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work.
 Not necessary if room is well-ventilated.
 Protective gloves
 Nitrile rubber, NBR
 Value for the permeation: Level $\leq 0,7$ mm 480min (8h) EN374
 The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
 safety glasses recommended whilst installing in to the MACHINE

SECTION 9: Physical and chemical properties

. 9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form:	Aerosol
Colour:	Light yellow
Odour:	Characteristic

. Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable, as aerosol.
Pour point	< -40 °C °C ((DIN ISO 3016))

. Flash point:

> 200 °C ((DIN ISO 2592))

. Self-igniting:

Product is not selfigniting.

. Danger of explosion:

Product does not present an explosion hazard.

. Explosion limits:

Lower:	Not determined
Upper:	Not determined

. Density at 20 °C:

0.83691 g/cm³

. Solubility in / Miscibility with water:

Insoluble.

. Solvent content:

Organic solvents:	0.0 %
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. 9.2 Other information

No further relevant information available.

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:

Hazardous thermal decomposition products may include: Formaldehyde, Carbon dioxide, Carbon monoxide, Methanol

SECTION 11: Toxicological information

. 11.1 Information on toxicological effects

. Acute toxicity:

. Primary irritant effect:

. on the skin:

Irritant effect possible

. on the eye:

Irritant effect possible

. Sensitization:

No sensitizing effects known.

. Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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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: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- . **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: For empty packaging
EU-waste catalogue: 15 01 04
Metallic packaging
- . Uncleaned packaging:
- . Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- . **14.1 UN-Number**
- . ADR, IMDG, IATA UN1950
- . **14.2 UN proper shipping name**
- . ADR 1950 AEROSOLS
- . IMDG AEROSOLS
- . IATA AEROSOLS, non-flammable
- . **14.3 Transport hazard class(es)**
- . ADR
- 
- . Class 2 5A Gases.
- . Label 2.2
-
- . IMDG, IATA
- 
- . Class 2.2
- . Label 2.2
- . **14.4 Packing group**
- . ADR, IMDG, IATA Void
- . **14.5 Environmental hazards:**
- . Marine pollutant: No
- . **14.6 Special precautions for user** Warning: Gases.
- . Danger code (Kemler): -
- . EMS Number: F-D,S-U
- . **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- . Transport/Additional information:
-
- . ADR
- . Limited quantities (LQ) 1L
- . Transport category 3
- . Tunnel restriction code E

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. UN "Model Regulation":

UN1950, AEROSOLS, 2.2

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SECTION 15: Regulatory information**. 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

. National regulations:

. Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

. 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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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.

. Abbreviations and acronyms:

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 Harmonized 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)

. * Data compared to the previous version altered.

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