

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 Oil 2**

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: Not applicable.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void

2.3 Other hazards

Results of PBT and vPvB assessment: Not applicable.
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.
No special measures required.
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: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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- . For safety reasons unsuitable extinguishing agents:
- . **5.2 Special hazards arising from the substance or mixture**
- . **5.3 Advice for firefighters**
- . Protective equipment:
- . Additional information

Use fire extinguishing methods suitable to surrounding conditions.

Water with full jet

No further relevant information available.

Wear self-contained respiratory protective device.

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**
- . **6.2 Environmental precautions:**
- . **6.3 Methods and material for containment and cleaning up:**
- . **6.4 Reference to other sections**

Particular danger of slipping on leaked/spilled product.

Do not allow to enter sewers/ surface or ground water.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

No dangerous substances are released.

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**
- . Information about fire - and explosion protection:
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . Storage:
- . Requirements to be met by storerooms and receptacles:
- . Information about storage in one common storage facility:
- . Further information about storage conditions:
- . **7.3 Specific end use(s)**

No special precautions are necessary if used correctly.

No special measures required.

No special requirements.

Store away from foodstuffs.

Store away from oxidizing agents.

Store receptacle in a well ventilated area.

No further relevant information available.

SECTION 8: Exposure controls/personal protection

- . Additional information about design of technical facilities:
- . **8.1 Control parameters**
- . Ingredients with limit values that require monitoring at the workplace:
- . Additional information:
- . **8.2 Exposure controls**
- . Personal protective equipment:
- . General protective and hygienic measures:
- . Respiratory protection:
- . Protection of hands:

No further data; see item 7.

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.

Avoid close or long term contact with the skin.

Not required.

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

Nitrile rubber, NBR

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.

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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.

- . Material of gloves

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. Penetration time of glove material

Value for the permeation: Level $\leq 0,7$ mm 480min (8h) EN374 (Contd. of page 2)

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.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

. Eye protection:

Goggles recommended during refilling

SECTION 9: Physical and chemical properties

. 9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form:

Fluid

Colour:

Light yellow

. Odour:

Uncharacteristic.

. Odour threshold:

Not determined.

. pH-value:

Not determined.

. Change in condition

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

Undetermined.

. Pour point

< -40 °C (DIN ISO 3016)

. Flash point:

> 200 °C

. Flammability (solid, gaseous):

Not applicable.

. Ignition temperature:

Decomposition temperature:

Not determined.

. Self-igniting:

Not determined.

. Danger of explosion:

Not determined.

. Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

. Vapour pressure at 20 °C:

23 hPa

. Density at 20 °C:

0.84 g/cm³

. Relative density

Not determined.

. Vapour density

Not determined.

. Evaporation rate

Not determined.

. Solubility in / Miscibility with water:

Insoluble.

. Partition coefficient (n-octanol/water):

Not determined.

. Viscosity:

Dynamic:

Not determined.

Kinematic at 40 °C:

0.25 cm²/s

. Solvent content:

Organic solvents:

0.0 %

. 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:

oxidizing agents

. 10.6 Hazardous decomposition products:

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

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- . Acute toxicity:
- . Primary irritant effect:
 - . on the skin: irritating effect
 - . on the eye: Irritating effect.
- . Sensitization: No sensitizing effects known.
- . Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

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

SECTION 14: Transport information

- . **14.1 UN-Number**
- . ADR, ADN, IMDG, IATA Void
- . **14.2 UN proper shipping name**
- . ADR, ADN, IMDG, IATA Void
- . **14.3 Transport hazard class(es)**
- . ADR, ADN, IMDG, IATA
- . Class Void
- . **14.4 Packing group**
- . ADR, IMDG, IATA Void
- . **14.5 Environmental hazards:**
- . Marine pollutant: No
- . **14.6 Special precautions for user** Not applicable.
- . **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- . UN "Model Regulation": -

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.

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.

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. 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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