

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.08.2023

Version number 110.01 (replaces version 110.00)

Revision: 06.01.2023

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

- 1.1 Product identifier

- Trade name **NIKA R 166**

- CAS Number:

8042-47-5

- EC number:

232-455-8

- REACH-Registration number 01-2119487078-27

- 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 Cleaning and polishing agent

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

NIKA Cleaning

Peter und Jan Füchtenhans GbR

Am Galgenberg 46

59227 Ahlen

Tel.: 02382/966 82 82

E-Mail: info@nika-cleaning.de

- Informing department: Product safety department

- 1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- 2.2 Label elements

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

The substance is classified and labelled according to the CLP regulation.

- Hazard pictograms



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- Signal word Danger

- Hazard-determining components of labelling:

White mineral oil, petroleum

- Hazard statements

H304 May be fatal if swallowed and enters airways.

- Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

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- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances** Produkt auf Paraffinbasis
- **CAS No. Designation:**
8042-47-5 White mineral oil, petroleum
- **Identification no(s):**
- **EC number:** 232-455-8
- **Composition/Ingredients**
Constituents according to EC-Regulation 648/2004:
> 30 % aliphatic hydrocarbons

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General advice:** If unconscious, position and transport in stable lateral position.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for 15 minutes under running water.
- **After swallowing** Do not induce vomiting; instantly call for medical help.
- **Information for doctor** In case of swallowing and/or vomiting risk of aspiration into the lungs.
- **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, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Do not spray directly into the storage container. Danger of splashing and spreading of fire. Toxic fumes may develop in case of incomplete combustion or high heat.
Can be released in case of fire:
carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear full protective suit with self-contained breathing apparatus.
- **Additional information**
Endangered containers in the surrounding area should be cooled with a water-hose.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Brandklasse nach DIN-EN 2: B

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep off unprotected persons
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Do not allow to enter drainage system, surface or ground water.
In case of release of larger quantities, inform competent authorities.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
- **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 information on disposal.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Open and handle container with care.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Protect from heat.
Do not spray on flames or red-hot objects.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage** Store in cool, dry conditions in well sealed containers.
- **Requirements to be met by storerooms and containers:**
Suitable material for containers and conduit: steel or stainless steel.
Store in original containers or in PE-containers.
Keep container tightly closed and dry.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:**
Store under cover away from heat and sources of ignition.
- **Storage class** 12 (VCI - Konzept, 2007)
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:** Void

- DNELs

8042-47-5 White mineral oil, petroleum

Oral	DNEL (population)	40 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	220 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	92 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	160 mg/m ³ (Long-term, systemic effects)
	DNEL (population)	35 mg/m ³ (Long-term, systemic effects)

- Additional information:

If vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest practicable level. Comply with the current local occupational exposure limit. Where not established, it is recommended that mineral oil mists are kept below 5 mg/m³ (8 hr TWA).

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The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

Gases, fumes and aerosols should not be inhaled.

- **Breathing equipment:**

Respiratory protection mask is not required if appropriately used according to specifications.

- **Hand protection** Not required.

- **Material of gloves** Nitrile rubber, NBR

- **Eye/face protection** Safety glasses recommended during refilling.

- **Body protection:** Standard protective working clothes

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- **Colour:**

Colourless

- **Smell:**

Odourless

- **Melting point/freezing point:**

Not determined

- **Boiling point or initial boiling point and boiling range**

Not determined

- **Flammability**

Product is not inflammable.

- **Flash point:**

> 160 °C

- **pH**

Not applicable

- **pH-value:**

- **Viscosity:**

- **Kinematic viscosity at 40 °C**

14,5-17,5 mm²/s

- **Solubility**

- **Water:**

Insoluble

- **Vapour pressure:**

No data available.

- **Density and/or relative density**

- **Density at 15 °C**

~ 0,85 g/cm³

- 9.2 Other information

- **Appearance:**

- **Form:**

Liquid

- **Important information on protection of health and environment, and on safety.**

- **Explosive properties:**

Product is not potentially explosive

- **Softening point/range**

- **Pour point:**

~ -12 °C

- **Information with regard to physical hazard classes**

- **Explosives**

Void

- **Flammable gases**

Void

- **Aerosols**

Void

- **Oxidising gases**

Void

- **Gases under pressure**

Void

- **Flammable liquids**

Void

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- Flammable solids	Void
- Self-reactive substances and mixtures	Void
- Pyrophoric liquids	Void
- Pyrophoric solids	Void
- Self-heating substances and mixtures	Void
- Substances and mixtures, which emit flammable gases in contact with water	Void
- Oxidising liquids	Void
- Oxidising solids	Void
- Organic peroxides	Void
- Corrosive to metals	Void
- Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
This material ist combustible
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** strong oxidizing agents
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known
- **Additional information:**
Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, which will include carbon monoxide.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:

8042-47-5 White mineral oil, petroleum

Oral	LD50	>5.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)
Inhalative	LC 50 / 4 h	>5.000 mg/l (rat)

LD50 (oral) > 5000 mg/kg Ratte

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**
May be fatal if swallowed and enters airways.

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- Aspiration hazard:*May be fatal if swallowed and enters airways. Based on physical and chemical properties of the product.***- 11.2 Information on other hazards****- Endocrine disrupting properties**

Substance is not listed.

* SECTION 12: Ecological information

- 12.1 Toxicity**- Aquatic toxicity:****8042-47-5 White mineral oil, petroleum**

LC 50 / 96 h	>100 mg/l (fish)
EC 50 / 48 h	>100 mg/l (Daphnia magna)
NOEL	≥1.000 mg/l /21d (Daphnia magna)
LL50	>100 mg/l /96h (Oncorhynchus mykiss)
	>100 mg/l /48h (Daphnia magna)

- 12.2 Persistence and degradability*The product is biological moderately decomposable.***8042-47-5 White mineral oil, petroleum**

Biodegradability <60 % /28 d

- 12.3 Bioaccumulative potential *There is no evidence to suggest bioaccumulation will occur***- 12.4 Mobility in soil** *No further relevant information available.***- 12.5 Results of PBT and vPvB assessment****- PBT:** Not applicable.**- vPvB:** Not applicable.**- 12.6 Endocrine disrupting properties** *For information on endocrine disrupting properties see section 11.***- 12.7 Other adverse effects****- Additional ecological information:****- General notes:***Do not allow to enter drainage system, surface or ground water**Water hazard class 1 (Assessment by list): slightly hazardous for water.*

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods**- Recommendation***Must not be disposed of together with household garbage. Do not allow product to reach sewage system.***- Waste disposal key number:***Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.***- Uncleaned packagings:** *Disposal must be made according to official regulations.***- Recommendation:***Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning.**Care should be taken that no other materials get into the packaging.*

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Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

SECTION 14: Transport information

- 14.1 UN number or ID number - ADR/RID/ADN, IMDG, IATA	Void
- 14.2 UN proper shipping name - ADR/RID/ADN, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR/RID/ADN, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR/RID/ADN, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	Not applicable. No
- 14.6 Special precautions for user	Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
- Transport/Additional information:	Not dangerous according to the above specifications.
- UN "Model Regulation":	Void

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 substance is classified and labelled according to the CLP regulation.
- Hazard pictograms



GHS08

- Signal word Danger
- Hazard-determining components of labelling:
White mineral oil, petroleum
- Hazard statements
H304 May be fatal if swallowed and enters airways.
- Precautionary statements
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I Substance is not listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

Substance is not listed.

- National regulations

- Information about limitation of use:

Employment restrictions concerning young persons must be observed.

- Other regulations, limitations and prohibitive regulations

- Substances of very high concern (SVHC) according to REACH, Article 57

Substance is not listed.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Application: Please refer to the technical data sheet for application instructions.

- Department issuing data specification sheet: see item 1: Informing department

- Date of previous version: 23.07.2020

- Version number of previous version: 110.00

- Abbreviations and acronyms:

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord relatif au transport international 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

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

- * Data compared to the previous version altered.