

Safety data sheet
in accordance with 1907/2006/EC,
Article 31

Date of publication:
05.06.2018

Version number 1

Revision: 05.06.2018

SECTION 1 Identification of the substance/the mixture and the company/business

- **1.1 Product identifier**
- **Product Name: 6033 + 7033 RODICO cleaning product**
- **1.2 Relevant identified uses of the substance or mixture and uses not recommended**
professional and/or industrial use
- **Use of the substance/preparation:**
Cleaning product used in the clockmaking industry.
- **1.3 Supplier information on the safety data sheet:**
- **Manufacturer/supplier:**
BERGEON SA
Allée des Défricheurs 4
CH-2300 La Chaux-de-Fonds
Tel. ++4132 933 6000
Fax ++4132 933 6001
Email: info@bergeon.ch
Information service: + 41 32933 6000 (the client will be redirected to their personal representative)
- **1.4 Emergency phone number:**
France: ORFILA number (INRS): +33 (0) 14542 5959
Belgium - Tel: 32 070/245 245
Switzerland: 145


SECTION 2: Hazard 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.
- **2.2 Label elements**
- **Labelling in accordance with Regulation (EC) No. 1272/2008:** none
- **Hazard pictograms:** none
- **Signal word:** none
- **Hazard statements:** none
- **Supplementary notices:**
EUH210 Safety Data Sheet available on request.
- **2.3 Other hazards:**
- **Results of PBT and vPvB assessments:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/Information on ingredients

- **3.2 Chemical status: Mixture**
- **Description:** Preparation: composed of the substances indicated below.

· **Hazardous ingredients:**

| | | | |
|--|-------------------|--|-------|
| CAS: 8042-47-5 EINECS: 232-455-8 Reg.nr.: 01-2119487078-27 | white mineral oil |  Asp. Tox. 1, H304 | 1-10% |
|--|-------------------|--|-------|

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| | | | |
|-------------------|------------------|-----------------|---------|
| CAS: 13463-67-7 | Titanium Dioxide | (continued from | 2.5-10% |
| EINECS: 236-675-5 | | | |

· **SVHC** No

· **Supplementary notices:**

For the wording of the listed risk phrases, refer to Chapter 16.

SECTION 4: First aid

· **4.1 First aid description:**

- **General remarks:** No special measures are required.
- **After excessive inhalation:** Provide fresh air, consult doctor in case of symptoms.
- **After contact with skin:** In general, the product does not irritate the skin.
- **After contact with eyes:**
Rinse the eyes under running water for several minutes, keeping the eyelids open.
- **After ingestion:** Do not induce vomiting; seek medical attention immediately.

· **4.2 Main 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: Fire-fighting measures:

· **5.1 Extinguishing products:**

CO₂, extinguishing powder or water spray. Fight large fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture:** Possibility of formation of toxic gases in case of heating or fire. Can be released in case of fire:

Carbon Monoxide (CO)

· **5.3 Advice for firefighters:**

· **Special safety equipment:** Wear a respirator.

SECTION 6: Measures to take in case of accidental dispersion:

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

Not required.

· **6.2 Precautions for environmental protection:**

Do not discharge into the sewer or the natural environment.

In case of seepage of large quantities into water or sewage, notify the relevant authorities.

Do not discharge into drains, surface water or ground water.

· **6.3 Methods and materials for containment and cleaning:**

Collect liquids with absorbent material (sand, kieselguhr, acid neutraliser, universal binder, sawdust).

· **6.4 Reference to other sections:**

For information on safe handling, see Section 7.

For information on personal protection equipment, see Section 8.

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See Section 13 for information on disposal.

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SECTION 7: Handling and storage:

- **7.1 Precautions for safe handling:**
No special measures required.
- **Prevention of fires and explosions:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities:**
- **Storage:**
- **Requirements for storage places and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not necessary.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information for the design of technical systems:**
Unless otherwise stated, see Section 7.
- **8.1 Control parameters:**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain significant quantities of substances with threshold values to be monitored at the workplace.

· **DNEL**

CAS: 13463-67-7 titanium dioxide

| | | |
|------------|--------------------------------|----------------------|
| Oral | DNEL Public long-term systemic | 70 mg/kg bw/d |
| Inhalation | DNEL Worker long-term systemic | 10 mg/m ³ |

· **PNEC**

CAS: 13463-67-7 titanium dioxide

| | |
|------------------------------|------------|
| PNEC STP | 100 mg/L |
| PNEC aqua (fresh water) | 1.1 mg/L |
| PNEC aqua (marine water) | 0.127 mg/L |
| PNEC sediment (fresh water) | 1000 mg/kg |
| PNEC sediment (marine water) | 100 mg/kg |
| PNEC soil | 100 mg/kg |

- **Additional notes:**
This document is based on the lists in force at the time of its creation.
- **8.2 Exposure controls:**
- **Personal protection equipment:**
- **General protection and hygiene measures:**
Observe the usual safety precautions for the use of chemicals.
- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Glove material:** Not applicable

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· **Eye protection:** Safety glasses recommended for decanting.

SECTION 9: Physical and chemical properties

· **9.1 Information on essential physical and chemical properties**

· **General guidance**

· **Appearance:**

· **Form:** viscous

· **Colour:** According to product designation

· **Odour:** Distinctive

· **Odour threshold:** Not determined.

· **pH value:** Not determined.

· **State change**

· **Melting point/freezing point:** Not determined.

· **Initial boiling point and boiling range**

· : Not determined.

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not applicable.

· **Auto ignition temperature:** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** The product does not spontaneously ignite.

· **Explosive properties:** The product is not explosive.

· **Explosion limits:**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Vapour pressure:** Not determined.

· **Density at 20°C:** 1.48 g/cm³

· **Relative density** Not determined.

· **Vapour density:** Not determined

· **Evaporation rate:** Not determined.

· **Solubility in/miscibility with water:**

Not miscible or not very miscible

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

· **Dynamic:** Not determined.

· **Kinematics at 40°C:** > 21 mm²/s

· **Solvent content:**

· **VOC:** 0.00%

· **9.2 Other information:** No further relevant information available.

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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.
- **10.3 Possibility of hazardous reactions:** No hazardous 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 hazardous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
Given the available data, the classification criteria have not been met.

- **LD/LC50 values relevant for classification:**

CAS: 13463-67-7 titanium dioxide

| | | |
|------------|------------|-------------------------|
| Oral | LD50 | > 20,000 mg/kg (rat) |
| Dermal | LD50 | > 10,000 mg/kg (rabbit) |
| Inhalation | LC50/4 hrs | > 6.82 mg/l (rat) |

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Given the available data, the classification criteria have not been met.
- **Serious eye damage/irritation**
Given the available data, the classification criteria have not been met.
- **Respiratory or skin sensitivity**
Given the available data, the classification criteria have not been met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction)**
- **Mutagenicity on germ cells**
Given the available data, the classification criteria have not been met.
- **Carcinogenicity**
Given the available data, the classification criteria have not been met.
- **Toxicity to reproduction**
Given the available data, the classification criteria have not been met.
- **Specific target organ toxicity - single exposure**
Given the available data, the classification criteria have not been met.
- **Specific toxicity for certain target organs - from repeated exposure**
Given the available data, the classification criteria have not been met.
- **Aspiration hazard**
Given the available data, the classification criteria have not been met.

SECTION 12: Ecological Information

- **12.1 Toxicity**
- **Aquatic toxicity:** No other important 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.

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- **Other ecological information:**
- **General information:**
Water Pollution Category 1 (D) (Clean classification): low pollutant
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 assessments**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects:** No further relevant information available.

SECTION 13: Considerations regarding disposal:

- **13.1 Waste treatment methods:**
- **Recommendation:**
Small amounts can be disposed of with household waste.
- **Uncleaned packaging**
- **Recommendation:** Disposal according to local regulations.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN number | |
| · ADR, ADN, IMDG, IATA | none |
| · 14.2 UN official shipping name | |
| · ADR, ADN, IMDG, IATA | none |
| · 14.3 Transportation hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | none |
| · 14.4 Packing group | |
| · ADR, ADN, IMDG, IATA | none |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions to be taken by the user | Not applicable. |
| · 14.7 Transport in bulk according to Appendix II of Marpol 73/78 and the IBC code | Not applicable. |
| · UN "Model Regulations": | none |

SECTION 15: Regulatory information

- **15.1 Special regulations/legislation for the substance or mixture regarding safety, health and the environment**
- **Directive 2012/18/EU**
- **Designated Hazardous Substances - APPENDIX I** No components included.

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- **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 state of knowledge. It does not, however, constitute a guarantee for any specific product properties and is not a legally binding agreement.

- **Key to the risk phrases mentioned in paragraph 3:**
H304 May be fatal if swallowed and if allowed to enter airways
- **Acronyms and abbreviations:**
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Dangerous Goods Code
DOT: US Department of Transportation
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)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Asp. Tox. 1. Aspiration hazard - Category 1