

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

Printing date 09.01.2020


Version number 6

Revision: 09.01.2020

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

- **1.1 Product identifier**
- **Trade name:** 879 Euroclean Oil
- **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**  
Coating  
Maintenance product
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
FORBO Eurocol Deutschland GmbH  
August-Roebling-Str. 2  
D-99091 Erfurt  
Tel.: +49 (0)361 73041-0  
Fax: +49 (0)361 73041-92  
Website: <http://www.forbo-bonding.de>
- **Further information obtainable from:**  
Laboratory  
Elisabeth Reinhardt  
[Elisabeth.Reinhardt@forbo.com](mailto:Elisabeth.Reinhardt@forbo.com)
- **1.4 Emergency telephone number:** GGIZ +49-361-730730 (for Germany)

**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 product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
  
GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst.
- **Hazard statements**  
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. of page 1)

· **Additional information:**

EUH208 Contains Neodecansäure, Cobaltsalz. May produce an allergic reaction.

· **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:** Coating compound/ Surface coating/ paint

· **Dangerous components:**

CAS: 64742-48-9 EC number: 918-481-9	[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst.	75-<100%
	⚠ Asp. Tox. 1, H304	
CAS: 27253-31-2 EINECS: 248-373-0	Neodecansäure, Cobaltsalz	≥0.1-<0.5%
	⚠ Repr. 2, H361; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** No special measures required.

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

· **After skin contact:**

Immediately remove all soiled and contaminated clothing

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

· **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>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

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- **5.3 Advice for firefighters**

- **Protective equipment:**

Do not inhale explosion gases or combustion gases.

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**

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

Product forms slippery surface when combined with water.

- **6.2 Environmental precautions:**

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

Prevent from spreading (e.g. by damming-in or oil barriers).

- **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.

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**

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

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



Keep ignition sources away - Do not smoke.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage:**

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

Provide solvent resistant, sealed floor.

Prevent any seepage into the ground.

- **Information about storage in one common storage facility: Store away from oxidising agents.**

- **Further information about storage conditions:**

Keep container tightly sealed.

Store receptacle in a well ventilated area.

Protect from heat and direct sunlight.

- **Recommended storage temperature: +15 °C - +30 °C**

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

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### 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:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.  
Do not eat or drink while working.  
Wash hands before breaks and at the end of work.  
Use skin protection cream for skin protection.
- **Respiratory protection:** Use suitable respiratory protective device when high concentrations are present.
- **Recommended filter device for short term use:** Combination filter A-P2
- **Protection of hands:**



Protective gloves

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

- **Material of gloves**  
Fluorocarbon rubber (Viton)  
Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.4$  mm
- **Penetration time of glove material**  
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- **Form:** Fluid
- **Colour:** Pigmented
- **Odour:** Characteristic
- **pH-value:** Not applicable.

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· <b>Change in condition</b>	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	173 °C (DIN 53171)
· <b>Flash point:</b>	>67 °C
· <b>Ignition temperature:</b>	240 °C
· <b>Decomposition temperature:</b>	Undetermined.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
Lower:	0.6 Vol %
Upper:	7 Vol %
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	0.846 g/cm <sup>3</sup> (DIN 53217)
· <b>Solubility in / Miscibility with water:</b>	Insoluble.
· <b>Partition coefficient: n-octanol/water:</b>	Undetermined.
· <b>Viscosity:</b>	
Kinematic at 20 °C:	10.55 mm <sup>2</sup> /s
· <b>Solvent content:</b>	
Organic solvents:	72.0 %
Water:	0 %
VOC (CE)	72.00 %
Solids content:	27.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable under recommended storage conditions.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Protect from heat and direct sunlight.
- **10.5 Incompatible materials:** strong oxidizing agents
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

27253-31-2 Neodecansäure, Cobaltsalz

Oral	LD50	500 mg/kg (ATE)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** not tested
- **Serious eye damage/irritation** not tested
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · **Aquatic toxicity:**

**64742-48-9 [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst.**

LC50/96h >1,000 mg/l (fish)

EC50/48h >1,000 mg/l (Daphnia magna)

- **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

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Recommendation** Do not allow product to reach sewage system.

##### · **European waste catalogue**

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

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

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### 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 Marpol and the IBC Code	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
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- National regulations: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- VOC (CE) 616 g/l
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

- Relevant phrases  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H361 Suspected of damaging fertility or the unborn child.  
H412 Harmful to aquatic life with long lasting effects.
- Department issuing SDS: Laboratory
- Contact:  
Elisabeth Reinhardt  
Elisabeth.Reinhardt@forbo.com
- 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

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*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)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity - oral – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Skin Sens. 1: Skin sensitisation – Category 1**Repr. 2: Reproductive toxicity – Category 2**Asp. Tox. 1: Aspiration hazard – Category 1**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***\* Data compared to the previous version altered.**

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