

Safety data sheet

According to 1907/2006/EC Article 31

Print date: 24/01/2023

Version number 1

Revised on: 24/01/2023

SECTION 1: Identification of substance and company

1.1 Product identifier

Trade name: **PORCELAIN ENAMEL CLEANER**

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

No further relevant information available.

Use of the substance/mixture Cleaning agent

1.3 Particulars of the supplier who provides the safety data sheet

Manufacturer/supplier:

Riess Kelomat GmbH

Maisberg 47

3341 Ybbsitz

Tel: +43 7443 86315 0

Email: einkauf@riess.at

Information obtainable from: Product safety department

1.4 Emergency telephone number:

VIZ – toxicity information centre

Allgemeines Krankenhaus Wien / Vienna General Hospital

A-1090 Vienna Währinger Gürtel 18-20

EMERGENCY CALL tel.: +43 1 406 43 43

www.giftinfo.org

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP Regulation)



GHS05 Corrosive

Eye damage 1 H318 Causes serious eye damage.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC n/a

Specific hazard information for humans and the environment:

The product is not subject to mandatory labelling due to the calculation methods of the EC general classification directive for preparations, as amended.

Classification system:

The classification corresponds to the current EC lists, however; is supplemented with information from specialist literature and information from the company.

2.2 Label elements

Identification according to Regulation (EC) no. 1272/2008

The product is classified and labelled in accordance with the CLP Regulation.

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

Sodium C14-17 sec. alkyl sulfonate

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether

Benzenesulfonic acid, C 10-13-alkyl derivatives, sodium salt

Hazard information

H318 Causes serious eye damage.

Safety information

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.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor/physician.

Additional information:

Contains a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May provoke allergic reactions.

2.3 Other hazards**Findings of the PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:** A mixture of the following substances with non-hazardous admixtures.**Hazardous ingredients:**

CAS: 97489-15-1 EC number: 307-055-2	Sodium C14-17 sec. alkyl sulfonate ☒ Xn R22; ☒ Xi R38-41 R52/53 ☒ Eye Dam. 1, H318; ☒ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	1.0-2.5%
Reg. no.: 02-2119630747-33-0000	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether ☒ Xn R22; ☒ Xi R38-41 ☒ Eye Dam. 1, H318; ☒ Acute Tox. 4, H302	1.0-2.5%
CAS: 68411-30-3 EINECS: 270-115-0	Benzenesulfonic acid, C 10-13-alkyl derivatives, sodium salt ☒ Xn R22; ☒ Xi R38-41 ☒ Eye Dam. 1, H318; ☒ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	1.0-2.5%

Regulation (EC) no. 648/2004 on detergents / labelling the ingredients

Anionic surfactants

< 5%

Additional information: The wording of the hazard information listed can be found in section 16.**SECTION 4: First Aid measures****4.1 Description of the First Aid measures****General information:** Remove any clothing that has been contaminated with the product immediately.**After inhalation:** Supply fresh air, consult physician in case of complaints.**After skin contact:** Immediately rinse with water.**After eye contact:**

Rinse eyes for several minutes under running water, holding the eyelid open. Consult a physician.

After swallowing: Consult physician in case of persistent complaints.**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: Fire-fighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

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- **5.3 Advice for firefighters**
- **Protective equipment:**



Wear breathing apparatus.

- **Further information** Collect contaminated extinguishing water separately, this must not be discharged into the drains.
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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear personal protective equipment.
 - **6.2 Environmental precautions:**
Do not discharge into drains / surface water / ground water.
Do not discharge into the subsoil/soil.
 - **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send in suitable containers for recovery or disposal.
Dispose of contaminated material as waste according to section 13.
 - **6.4 Reference to other sections**
For information about safe handling, see section 7.
For information about personal protection equipment, see section 8.
For information about disposal, see section 13.
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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep container tightly closed.
 - **Precautions against fire and explosion:** No special measures are necessary.
 - **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** Store in a cool location.
 - **Information on storage:** Store separately from food.
 - **Further information on the storage conditions:** none
 - **Storage class:**
 - **VbF class:** n/a
 - **7.3 Specific end use(s)** No further relevant information available.
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SECTION 8: Exposure controls / personal protection

- **Additional information on technical system design:** No further information, see section 7.
- **8.1 Control parameters**
- **Components with specific control parameters:**
The product does not contain any relevant quantities of substances with specific control parameters.
- **Additional information:** The lists applicable at the time of compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for contact with chemicals must be observed.
- **Respiratory protection:** Not required.

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· **Hand protection:**

Protective gloves EN 374

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

Due to a lack of testing, no recommendation about the glove material can be made for the product/preparation/chemical mixture.

Selection of the glove material, taking into consideration the penetration times, rates of diffusion and the degradation.

· **Glove material**

The selection of the suitable gloves does not only depend on the material, but also on further quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and must therefore be checked prior to the application.

· **Penetration time of the glove material**

The exact penetration time can be obtained from the glove manufacturer and must be observed.

· **Eye protection:**

Protective eyewear EN 166

· **Body protection:** Protective workwear.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General information**· **Appearance:**

Form: Liquid
Colour: According to product designation

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH:** Not determined.

· **Change of state**

Melting point / melting range: Not determined
Boiling point / boiling range: Not determined

· **Flash point:** Not applicable

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

· **Ignition temperature:** Not applicable.

· **Decomposition temperature:** Not determined.

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

· **Risk of explosion:** The product has no risk of explosion.

· **Explosion limits:**

Lower: Not determined
Upper: Not determined

· **Vapour pressure at 20 °C:** 23 hPa

· **Density:** Not determined

· **Relative density:** Not determined.

· **Vapour density:** Not determined.

· **Evaporation rate:** Not determined.

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· Solubility in / miscibility with Water:	No or limited miscibility
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvent:	0.0 %
Water:	10.5 %
VOC (EU)	0.00 %
· Solid content:	4.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No 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**
- **Primary irritation:**
- **Skin corrosion/irritation** No irritation
- **Serious eye damage/irritation** No irritation
- **Respiratory or skin sensitisation** No sensitising effect known.
- **Additional toxicological information:**
The product is not subject to mandatory labelling due to the calculation methods of the EC general classification directive for preparations, as amended.
In our experience and according to the information provided to us, the product does not have any harmful effects provided it is handled and used according to specifications.
Based on calculations made according to the CLP Regulation 1272/2008/EC, the following hazards are associated with the product:

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.
- **Further ecological information:**
- **General information:**
Water hazard class 3 (self-classification): highly hazardous to water
Do not allow product to reach ground water, bodies of water or drains, even in small quantities.
Danger to drinking water if even the smallest quantities leak into the ground.

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- **12.5 Findings of the PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal information

- **13.1 Waste treatment methods**
- **Recommendation:**



Must not be disposed of together with household waste. Do not discharge into drains.

- **Uncleaned packaging:**
- **Recommendation:** Disposal according to official laws.

SECTION 14: Transport information

· 14.1 UN number	
· ADR, ADN, IMDG, IATA	n/a
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	n/a
· 14.3 Transport hazard classes	
· ADR, ADN, IMDG, IATA	
· Class	n/a
· 14.4 Packing group	
· ADR, IMDG, IATA	n/a
· 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 73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

SECTION 15: Austrian and EU regulations

- **15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**
- **National regulations:**
- **Classification according to VbF:** n/a
- **Water hazard class: WHC 3 (self-classification):** highly hazardous to water.
- **15.2 Chemical safety assessment:** A chemical safety assessment was not carried out.

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SECTION 16: Other information

The information is based on our present knowledge. However, it shall not constitute a guarantee for any product characteristics and does not substantiate any contractual legal relationship.

· Relevant statements*H302 Harmful if swallowed.**H315 Causes skin irritation.**H318 Causes serious eye damage.**H412 Harmful to aquatic life with long lasting effects.**R22 Harmful if swallowed.**R38 Irritating to skin.**R41 Risk of serious damage to eyes.**R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.***· Department issuing data sheet:** Environmental protection department**· 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 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)**VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)**VOC: Volatile Organic Compounds (USA, EU)**Acute Tox. 4: Acute toxicity, Hazard Category 4**Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2**Eye damage 1: Serious eye damage/eye irritation, Hazard Category 1**Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

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