

Kusuri Products Limited

www.kusuri.co.uk

SAFETY DATA SHEET ROCCAL



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Revision No: 1

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

1.1 Product identifier

Product name: ROCCAL WOUND CLEANER 0.2% 100ml.

CAS number: 63449-41-2

Product code: ROCW

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

Recommended use: Aquatic fish medication for Koi Carp

Not recommended: For any other species

1.3. Details of the supplier of the safety data sheet

Company name: Kusuri Products Limited
12 Wentworth Road
Heathfield Industrial Estate
Newton Abbot
Devon
TQ12 6TL
United Kingdom

Tel: +44 (0)1626 836600

Fax: +44 (0)1626 836700

Email: kay@kusuri.co.uk QM

1.4. Emergency telephone number

Emergency Tel: +44 (0)1626 836600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302+H312; Aquatic Acute 1: H400; Skin Corr. 1B: H314 See section 16.

Most important adverse effects: Harmful in contact with skin and if swallowed. Causes burns. Very toxic to aquatic organisms.

2.2. Label elements

Hazard statements: H302+H312: Harmful if swallowed or in contact with skin.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

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Signal words: Danger

Hazard pictograms: GHS05: Corrosion, GHS07: Exclamation Mark, GHS09 Environmental.



Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.

P309+311: If exposed or if you feel unwell: Call a POISON CENTER or doctor.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: Benzylkonium Chloride 0.2% **CAS no:** 63449-41-2

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothing. Wash skin vigorously with soap and water or a suitable skin cleaner. Never use solvents or thinners.
- Eye contact:** If wearing contact lenses, remove them. Wash eyes with plenty of clean cool water for at least 10 minutes while pulling eyelids up. Consult a doctor.
- Ingestion:** Wash out mouth with water. Never induce vomiting. Consult a doctor.
- Inhalation:** Remove casualty from exposure in to fresh air ensuring one's own safety whilst doing so. If breathing stops, perform artificial respiration. Do not administer anything orally. If unconscious, place in a suitable position and consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Eye contact:** There may be irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat. Ingestion may produce symptoms of intoxication.
- Inhalation:** There may be irritation of the throat.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

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Section 5: Fire-fighting measures

5.1. Extinguishing media

The product does not present any particular risk in case of fire.
The product is NOT classified as flammable.

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3. Advice for fire-fighters

Advice for fire-fighters: Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Spills collected in absorbent material. (Soil, sand, vermiculite, diatomite, etc.) Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited. Follow legislation on occupational health and safety. Keep the product in original container.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area between 15°C and 25°C away from sources of heat and direct solar light. Keep container tightly closed. Keep away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

7.3. Specific end use(s)

Specific end use(s): Aquatic fish medication for Koi Carp.

Caution: Do not exceed the recommended dosage on label.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: N/A

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: N/A

Respiratory protection: N/A

Hand protection: Protective Nitrile or Latex gloves. EN 374 (EU)

Eye protection: Safety glasses. Ensure eye bath is to hand. EN 166 (EU)

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Clear

Flash point/range°C: 121

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat and Frost. Avoid heat, flames and other sources of ignition near of above the flash point. Do not heat closed containers.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Haz. decomp. products: Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours

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Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
2-Phenoxyethanol		Based on test data
Oral toxicity	LD ₅₀ (oral, rat)	1.8g/kg
Dermal – inhalation toxicity	LD ₅₀ (dermal, rat)	2g/kg

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Ingestion may produce symptoms of intoxication.

Inhalation: There may be irritation of the throat.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Name	Route	Basis
2 - Phenoxyethanol	LC ₅₀ (fish) <i>Leuciscus idus</i>	220/460 mg/l (96 h)
	EC ₅₀ (aquatic invertebrates) <i>Daphnia magna</i>	500mg/l (48 h)
	IC ₅₀ (aquatic plants) <i>Desmodesmus subspicatus</i>	500mg/l (72 h)

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: Not expected to bio-accumulate.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

PBT: This product is not identified as a PBT substance.

vPvB: This product is not identified as a vPvB substance.

12.6. Other adverse effects

Other adverse effects: None.

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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and contact your local waste disposal authority for advice. Do not dump in to sewers or waterways.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: Transportation is not dangerous.

14.2. UN proper shipping name

Shipping name: Transportation is not dangerous.

14.3. Transport hazard class(es)

Transport class: Transportation is not dangerous.

14.4. Packing group

Packing group: Transportation is not dangerous.

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions

Tunnel code: Transportation is not dangerous.

Transport category: Transportation is not dangerous.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Manufacturers licence No: SAM0002 under VMD regulations.

COSHH: Control of Substances Hazardous to Health (COSHH) Regulations 2002

HSE: Health and Safety at Work Act 1974.

H.S.E. Guidance Note EH40 (Occupational Exposure Limits).

Manual Handling Operations Regulations 1992

EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Abbreviations and acronyms: *LC₅₀: Lethal concentration, 50 percent*
LD₅₀: Lethal dose, 50 percent
EC₅₀: Effective concentration, 50 percent
IC₅₀: Inhibitory concentration, 50 percent.