



SAFETY DATA SHEET
King Antimicrobial

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Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product name: King Antimicrobial
Product Code: CKG1FP98

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

Uses: Antimicrobial Coating

1.3. Details of the supplier of the safety data sheet

Company name: Coating Kings
44 Mulgrave Road
London
UK
SE18 5TY

Tel: +44 (0) 845 299 6229
Email: sales@coatingkings.co.uk

Section 2: Hazards Identification

2.1. Classification under CLP: Not Applicable

Most important adverse effects:

2.2. Label elements Not Applicable

Hazard Statements: Not Applicable
Signal word: Not Applicable
Hazard Pictograms:

Precautionary phrases: P264: Wash hands thoroughly after handling
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P302+352: IF ON SKIN: Wash with plenty of water
P312: Call a doctor if you feel unwell

2.3. Other Hazards

PBT: This product is not identified as a PBT substance



Section 3: Composition/Information on Ingredients

3.2. Mixtures

Hazardous ingredients:

DIDECYLDIMETHYLAMMONIUM CHLORIDE

EINECS	CAS	CLP Classification	Percent
230-525-2	7173-51-5	Acute Tox. 4: H302; Skin Corr. 1B:	<0.05%

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE

EINECS	CAS	CLP Classification	Percent
270-325-2	68424-85-1	Acute Tox. 4: H302; Skin Corr. 1B:	<0.03 %

Octadecyldimethyl(3-triethoxysilylpropyl)ammonium chloride

EINECS	CAS	CLP Classification	Percent
263-413-7	62117-57-1	Eye Irrit. 2, H319	<0.67 %

3-Chloropropyltriethoxysilane

EINECS	CAS	CLP Classification	Percent
225-805-6	5089-70-3	Skin Irrit. 2, H315; Eye Irrit. 2, H319	<0.05 %

Section 4: First Aid Measures

4.1. Description of first aid measures

Skin contact: There may be mild irritation at the site of contact, wash immediately with plenty of soap and water. If symptoms persist consult doctor

Eye contact: There may be irritation and redness, bathe the eye with running water for 15 minutes. If symptoms persist consult doctor

Ingestion: There may be irritation of the throat, wash out mouth with water

Inhalation: No symptoms

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

Skin contact: There may be irritation at the site of contact

Eye contact: There may be irritation and redness

Ingestion: There may be irritation of the throat

Inhalation: No symptoms

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

No additional information available



Section 5: Fire-Fighting Measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing agents: Water spray jet, extinguishing powder, CO2, foam
Unsuitable extinguishing agents: None
Protective equipment: Wear self-contained breathing apparatus
Cool endangered containers with water spray jet

5.2. Special hazards arising from the substance or mixture

N/A

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus Cool endangered containers with water spray jet

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear personal protective equipment, gloves and eye/face protection

6.2. Environmental precautions

Environmental precautions: Do not allow product to enter waters without treatment. Inform authorities in case of contamination of water or sewage system

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Collect in suitable container. Cover with absorbent, mix and collect mechanically dispose of contaminated material as waste

6.4. Reference to other sections

Suitable binder: Multi-purpose absorbent

Section 7: Handling and Storage

7.1. Precautions for safe handling

Handling requirements: No specific instructions

7.2. Conditions for safe storage, including any incompatibilities:

Storage Conditions: Protect from heat and direct sunlight. Well-ventilated area. Keep container tightly closed

7.3. Specific end use(s)

Suitable Packaging: Must only be kept in original packaging

Section 8: Exposure Controls/Personal Protection



8.1. Control parameters

8.1. DNEL/PNEC Values No hazardous ingredients
DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: No specific guidance required
Respiratory protection: Respiratory protection not require
Hand protection: Wear appropriate protective gloves
Eye protection: Safety glasses not required. Ensure eye bath is to hand
Skin protection: Wear appropriate personal protective equipment

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Characteristic odour
Oxidising: Non-oxidising (by EC criteria)
Solubility: Fully miscible
Viscosity at 20°C: Non viscous
Flash point: >70°C
pH at 20°C: 6-7

9.2. Other information

Other information: No data available

Section 10: Stability and Reactivity

10.1. Reactivity

None

10.2. Chemical stability

Chemical Stability: Stable under normal conditions

Minimum shelf life: 2 years from dilution

10.3. Possibility of hazardous reactions None

10.4. Conditions to avoid

Conditions to avoid: Heat

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acid



10.6. Hazardous decomposition products

Haz. decomposition products: In combustion emits toxic fumes

Section 11: Toxicological Information

11.1. Information on toxicological effects

Refer to section 4 of SDS for routes of exposure and corresponding systems

Symptoms / routes of exposure: Skin contact: There may be irritation at the site of contact
Eye contact: There may be irritation and redness
Ingestion: There may be irritation of the throat
Inhalation: No symptoms

Section 12: Ecological Information

12.1. Toxicity

Eco-toxicity values: No data available
Components are readily biodegradable

12.2. Persistence and degradability

Persistence and degradability: The surfactants in this product comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the component authorities of the Member States and will be made available to them at their direct request or at the request of the detergent manufacturer

12.3. Bioaccumulative potential

No bioaccumulation potential is expected
Readily absorbed into soil

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substances

12.6. Other adverse effects

Does not contain substances influencing AOX of waste water
Does not contain any heavy metals

Section 13: Disposal Considerations

13.1. Waste treatment methods

Product must be disposed of according to local regulations pertaining to the disposal of hazardous waste empty and clean contaminated packaging with water before recycling

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: Not classified

14.2. UN proper shipping name

Shipping name: Not classified

14.3. Transport hazard class(es)

Transport class: Not classified

14.4. Packing group

Packing group: Not classified

14.5. Environmental Hazards

Environmentally hazardous No

Marine Pollutant No

14.6. Special Precautions for User

Section 15: Regulatory Information

15.1. Specific regulations: Safety, health and environmental regulations/legislation specific for the substance or mixture: National regulations may apply in event of accident

15.2. Chemical Safety Assessment No significant hazard

Section 16: Other Information

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

Phrases used in S.2 and 3: Not applicable

Legal disclaimer: This information and all further technical advice is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and shall be used only as guide. This company shall not be held liable for any damage resulting from having contact with the above product