

**Dr J's Antiseptic Disinfectant
Safety Data Sheet**

1. Identification of the substance/ mixture and of the company/undertaking

- 1.1 Product: Dr J's Antiseptic Disinfectant
 1.2 Use of the preparation: A Concentrate for the production of a General Purpose Antiseptic for the control of pathogenic microbes
 1.3 Company: MPM Consumer Products Ltd
 33 Croft Street
 Clayton
 Manchester
 M11 4RQ
 Tel: (0161)2316111 Fax: (0161)231 7100
 www.mpmconsumerproducts.com
 1.4 Emergency Telephone: (0161) 231 6111 (office hours only)

2. Hazards Identification

2.1 Classification of the substance or mixture
Classification

Physical Hazards:- Not Classified

Health Hazards:- Skin Irrit 2 – H315

Environmental Hazards- Aquatic Chronic 3 – H412

2.2 Label elements
 Pictogram



Signal word WARNING

Hazard statements H315 Causes skin irritation
 H412- Harmful to aquatic life with long lasting effects

Precautionary statements P102 Keep out of reach of children
 P264 Wash exposed skin thoroughly after handling
 P273 Avoid release to the environment.
 P302 + P352. If on skin : Wash with plenty of soap and water
 P332 + P313 - If skin irritation occurs: Get medical advice / attention.
 P501 Dispose of contents/container in accordance with local requirements for domestic waste disposal

Detergent labelling Also contains: Disinfectant – Benzalkonium Chloride 1.2g per 100g, Perfume, Limonene,

Supplementary precautionary statements

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

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2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB

3. Composition/ Information on Ingredients

3.2 Mixtures

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides	1.0 - <5%
CAS no: 85409-22-9	
EC no: 939-350-2	
REACH registration no: 01-2119970550-39-XXXX	
M factor (Acute) = 10 M factor (Chronic) = 1	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn; R22. C; R34. N; R50/53
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

The full text for all R- Phrases and Hazard Statements are Displayed in section 16

4. First Aid Measures

4.1. Description of first aid measures

- Inhalation:** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- Ingestion:** Rinse mouth out with water and drink copious amounts of water. Do not induce vomiting. If symptoms persist seek medical advice.
- Skin contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
- Eye contact:** Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

- Inhalation:** Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated
- Ingestion:** May cause mild stomach upset
- Skin contact:** May cause skin sensitisation or allergic reactions in sensitive individuals
- Eye contact:** May cause severe irritation to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5. Fire Fighting Measures

5.1. Extinguishing media

- Extinguishing media :** Use fire-extinguishing media appropriate for surrounding materials.
- Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire

5.2. Special hazards arising from the substance or mixture

- Specific hazards:** No specific firefighting precautions applicable when small quantities are involved in the fire

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Hazardous combustion products: Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous gases(NO_x). Oxides of sulphur

5.3. Advice for firefighters

Protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions: Large Spillages - Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take care as floors and other surfaces may become slippery. Large Spillages: Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections: See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.

Advice on general occupational hygiene: Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions : Store in tightly-closed, original container. Store upright in a cool , safe place away from direct sunlight.

7.3. Specific end use(s)

Specific end use(s): As stated in Section 1.2.

8. Exposure controls/ Personal Protection

8.1. Control parameters

Occupational exposure limits

Mixture does not contain any substances with declared occupational exposure limits

8.2. Exposure controls

Appropriate engineering

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body protection

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Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use. Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear liquid.
Colour:	Amber
Odour:	Characteristic.
Odour Threshold :	Not available.
pH:	6.4 – 8.4
Melting point :	~0°C
Initial boiling point and range :	102°C
Flash point:	Not available.
Evaporation rate:	Not available.
Evaporation factor:	Not available.
Flammability (solid, gas):	The product is not flammable.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure :	Not available.
Vapour density:	Not available.
Relative density:	0.99-1.01 @ 20°C
Bulk density:	Not available.
Solubility(ies):	Soluble in water.
Partition coefficient :	Not available.
Auto-ignition temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	Not considered to be explosive.
Oxidising properties:	Does not meet the criteria for classification as oxidising.

9.2 Other Information

Other Information : No information required

10. Stability and Reactivity

10.1. Reactivity

See the other subsections of this section for further details.

10.2. Chemical stability

Stability : Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

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Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity - oral

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Causes skin irritation

Serious eye damage/ irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

May cause skin sensitisation or allergic reactions in sensitive individual.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

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Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

Toxicological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) 240-400

Species Rat

Raw material suppliers' information. Harmful if swallowed.

ATE oral (mg/kg) 240-400

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) 800-1420

Species Rat

Raw material suppliers' information. Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 800-1420

12. Ecological Information

12.1. Toxicity

Harmful to aquatic life with long lasting effects. Large or frequent spills may have an adverse effect on the environment

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Fish LC50 0.085 – 1.2 mg/l

Daphnia EC50 0.02mg/l

Alga EC50 0.06 mg/l

LE(C)₅₀ 0.01 < L(E)C50 ≤ 0.1 **M factor (Acute)** 10

Chronic aquatic toxicity

NOEC 0.001 < NOEC ≤ 0.01 **M factor (Chronic)** 1

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Persistence and degradability The product is readily biodegradable. Complies with biodegradability conditions, particularities and limits specified in Detergents Regulation (EC) 648/2004 & annexes.

12.3 Bioaccumulative potential

No data available on bioaccumulation. **Partition coefficient** Not available

Ecological information on ingredients.

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Quaternary ammonium compounds, benzyl-C12-14 (even numbered)-alkyldimethyl, chlorides

Low: Product is surface active: Log Pow (ca. 0.5) may not be appropriate

12.4 Mobility in soil

The mixture is expected to be fully mobile through soil

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects

None known

13. Disposal Considerations

13.1. Waste treatment methods

Disposal methods : Dispose of contents/container in accordance with national regulations

14. Transport Information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. **UN number :** Not applicable.

14.2. **UN proper shipping name:** Not applicable.

14.3. **Transport hazard class(es):** No transport warning sign required.

14.4. **Packing group:** Not applicable.

14.5. **Environmental hazards:**

Environmentally hazardous substance/marine pollutant: No.

14.6. **Special precautions for user:** Not applicable.

14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :** Not applicable.

15. Regulatory Information

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

National regulations

EH40/2005 Workplace exposure limits. The Chemical (Hazard Information and Packaging for Supply) Regulation 2009 (SI 2009 No. 716)

EU legislation

- 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).
- Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16. Other Information

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Revision Comments Format and content change to conform 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)

Revision Date 20.4.2015

Revision 04

Risk Phrases In Full

R22 Harmful if swallowed

R34 Causes burns

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Hazard Statements In Full

H302 Harmful if swallowed

H314 Causes severe burns and eye damage

H318 Causes serious eye damage

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Disclaimer

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. MPM Consumer Products Ltd will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation