



VIRAKILL

1. IDENTIFICATION OF SUBSTANCE / MIXTURE OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
Material name: Virakill
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Product use: Sanitising spray
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer / Supplier: IMG Ltd.,
Unit M
Riverside Industrial Estate
Fazeley
Tamworth
B78 3RW

Telephone: 01827 283322
Fax: 01827 250143
Email (for SDS): sales@img-limited.co.uk
- 1.4 Emergency tel. no:** 01827 283322 (Available from 8.30 – 17.00 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

This product has no classification under CLP.

2.2 Label elements

Label according to EC Directives: 1272/2008/EC:

This product has no label elements under CLP.

2.3 Other hazards: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components:

Chemical Name	CAS.No/ EC No./ Reg.No	Classification (1272/2008/EC)	Content
Quaternary Ammonium Compounds, Benzyl C8-C18-Alkyldimethyl, Chlorides	CAS: 63449-41-2 EC: 264-151-6	Acute Tox.4; H312 Acute Tox.4; H302 Skin Corr.1B; H314 Aquatic Acute 1; H400	<1%
Di-N-Decyl Dimethylammonium Chloride	CAS: 7173-51-5	Not classified	<1%



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See Section 16 for the full text of the H statements declared above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Eye contact: Bathe the eye with running water for 15 minutes.

Inhalation: Not expected under normal conditions of use, but if occurs, seek medical attention.

Skin contact: Wash immediately with plenty of soap and water.

Ingestion: Not expected under normal conditions of use, but if occurs, wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed: In case of contact with eye, irritation may occur. In case of contact with skin, mild irritation may occur at the site of contact.

4.3 Indication of any immediate medical attention and special treatment needed: Not applicable.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

5.3 Advice for fire-fighters

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to Section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

6.4 Reference to other sections

See Section 8 for personal protection details.

See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE



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7.1 Precautions for safe handling

Ensure that there is sufficient ventilation of the area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry and cool area. Keep container tightly closed.

7.3 Specific end use(s)

Not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

No data available.

DNELs/DMELs

No data available.

PNECs

No data available.

8.2 Exposure controls

Personal Protective Equipment

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Respiratory protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour:	Liquid.
Odour:	Characteristic odour.
Odour threshold:	No data available.
Flammability:	No data available.
Flash point:	>93°C
Lower explosion limit:	No data available.
Upper explosion limit:	No data available.
Explosive properties:	No data available.
Thermal decomposition:	No data available.
Auto-ignition temperature:	No data available.
Oxidising properties:	No data available.
Solubility in water:	No data available.
Solubility in other solvents:	No data available.
pH:	No data available.
Melting point / range:	No data available.
Boiling point / range:	100°C.
Relative Density:	No data available.



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Vapour pressure: No data available.
Vapour density: No data available.
Partition coefficient: n-octanol / water: No data available.
Viscosity (kinematic): Non-viscous.
Evaporation rate: No data available.

9.2 Other information No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under recommended transport and storage conditions.
10.2 Chemical stability Stable under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid Heat.
10.5 Incompatible materials Keep away from the following materials; strong oxidising agents, strong acids.
10.6 Hazardous decomposition products In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Chemical Name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Quaternary Ammonium Compounds, Benzyl C8-C18-Alkyldimethyl, Chlorides	150 mg/kg (Mouse)	No data available	16 mg/kg (Mouse)

Symptoms / routes of exposure

Skin corrosion / irritation: There may be mild irritation at the site of contact.
Serious eye damage / irritation: If splashed in eyes may cause irritation and redness.
Respiratory or skin sensitisation: No data available.
Repeated dose toxicity: No data available.
Carcinogenicity: No data available.
Mutagenicity: No data available.
Toxicity for reproduction: No data available.
Specific target organ toxicity (STOT): No data available.
Further information: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity No data available.
12.2 Persistence and degradability Biodegradable.
12.3 Bioaccumulative potential No bioaccumulation potential.
12.4 Mobility in soil Readily absorbed into soil.
12.5 Results of PBT and vPvB assessment This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods



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Dispose of in accordance with local/national regulations. Do not allow to enter drains or watercourses. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

14. TRANSPORT INFORMATION

14.1 UN number	ADR/RID/AND; IMDG; ICAO	Not regulated.
14.2 UN Proper shipping name	Not applicable	
14.3 Transport hazard class(es)	ADR/RID/ADN Class	Not applicable
	ADR/RID/ADN Class	Not applicable
	ADR Label No.	Not applicable
	IMDG Class	Not applicable
	ICAO Class/Division	Not applicable
	ICAO Subsidiary Risk	Not applicable
Transport labels		
	ADR/RID/IDMG	Not applicable
	IATA	Not applicable
14.4 Packing group	ADR/RID/AND; IMDG; ICAO	Not applicable
14.5 Environmental hazards	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.

15. REGULATORY INFORMATION

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

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Regulations (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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

Chemical safety assessments / reports are not required for mixtures.



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16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation EU 453/2010, amending Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals).

Tariff Code: 38089290

Full text of H-statements referred to under sections 2 and 3

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H400 Very toxic to aquatic life.

Abbreviations and acronyms

- CAS Chemical Abstract Service (division of the American Chemical Society) – Section 3.
- EC50 Effective Concentration, 50 percent – Section 12.
- LD50 Lethal Dose, 50 percent – Section 11.
- LC50 Lethal Concentration, 50 percent – Section 11.
- PBT Persistent, Bioaccumulative, Toxic – Section 12.
- VPvB very Persistent and very Bioaccumulative – Section 12.

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

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