

Sani Clean

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Issued: 20/03/2020, Revision No: 2
Regulation (EC) No. 453/2010

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

1.1 Product Identifier

Material name: Sani Clean

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

Product use: Cleaner and disinfectant

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:

Physical and Chemical hazards Not classified

Human Health Skin Corr.1B; H314; Eye Dam.1; H318

Environment Aquatic Chronic 2; H411

2.2 Label elements

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

Signal word: Danger

Pictogram(s):



Contains: Quaternary ammonium compounds, Benzyl (C12-C16) Alkyl dimethyl; C9-11 Parath 6

Hazard H314 Causes severe skin burns and eye damage
Statements: H411 Toxic to aquatic life with long lasting effects.

Precautionary P264 Wash hands, forearms and face thoroughly after handling.

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Statements:	P273 P280	Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P330+P331 P303+P361+P353	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313	If eye irritation persists: Get medical advice/attention.
	P363	Wash contaminated clothing before reuse.
	P501	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Other hazards: No data available.

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 (C12-C16) Alkyl Dimethyl	CAS: 68424-85-1 EC: 270-325-2	Acute Tox.4 (Oral); H302 Skin Corr.1B; H314 Eye Dam.1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>=5-<10%
C9-11 Pareth	CAS: 68439-46-3 EC: 614-482-0	Acute Tox.4 (Oral); H302 Eye Dam.1; H318	>=0.5-<5%
Tetrapotassium Pyrophosphate	CAS: 7320-34-5 EC: 230-785-7 REACH: 01-2119489369-18	Eye Irr.2; H319 Aquatic Chronic 3; H412	>=0.5-<5%
Trisodium Nitrilotriacetate	CAS: 5064-31-3 EC: 225-768-6 INDEX: 607-620-00-6	Acute Tox.4 (Oral); H302 Eye Irr.2; H319 Carc.2; H351	>=0.5-<5%

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: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention immediately.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin contact: Rinse skin with water/shower. Take off immediately all contaminated clothing. Seek medical attention immediately.

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Ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed: In case of contact with skin and after ingestion, burns may occur. In case of contact with eyes, serious damage may occur.

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

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray, dry powder, foam and carbon dioxide.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Toxic fumes may be released.

5.3 Advice for fire-fighters

Do not attempt to take action without suitable protective equipment.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus where required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving personal risk or without suitable training. Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fumes/gas/mist/vapours/spray. Do not attempt to take action without suitable personal protective equipment.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminated lakes, or sewers, inform the appropriate authorities in accordance with local regulations. May be harmful to the environment if released in large quantities.

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 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation of the area. Avoid contact with skin and eyes. Do not breathe dust/fumes/gas/mist/vapours/spray. Wear personal protective equipment. Wash contaminated clothing before reuse. Do not eat, drink or smoke

7.2 Conditions for safe storage, including any incompatibilities

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Store locked up. Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

Not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

No data available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Personal Protective Equipment

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Respiratory protection: Self-contained breathing apparatus may be required if handling in a confined space with no ventilation.

Environmental exposure controls: Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour:	Liquid.
Odour:	No data available.
Odour threshold:	No data available.
Flammability:	No data available.
Flash point:	No data available.
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:	10-12.
Melting point / range:	No data available.
Boiling point / range:	No data available.
Relative Density:	No data available.
Vapour pressure:	No data available.
Vapour density:	1.03 -1.06.
Partition coefficient: n-octanol / water:	No data available.
Viscosity (kinematic):	No data available.
Evaporation rate:	No data available.

9.2 Other information No data available.

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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	None under recommended storage and handling conditions.
10.5 Incompatible materials	No additional information available.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Chemical Name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Quaternary Ammonium Compounds, Benzyl (C12-C16) Alkyl Dimethyl	795 mg/kg (Rat)	No data available	No data available

Symptoms / routes of exposure

Skin corrosion / irritation:	Causes severe skin burns and eye damage.
Serious eye damage / irritation:	Causes serious eye damage.
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

Toxic to aquatic life with long lasting effects.

Chemical name	Species	Test	Value
Tetrapotassium Pyrophosphate	Fish – Onchorhynchus mykiss	LC50	>100 mg/l
	Daphnia	EC50	100 mg/l
Quaternary Ammonium Compounds, Benzyl (C12-C16) alkyl dimethyl	Daphnia	EC50	0.016 mg/l
	Pseudokirchneriella subcapitata	EC10 72h	0.0025 mg/l
	Pseudokirchneriella subcapitata	EC50 72h	0.02mg/l

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	Onchorhynchus mykiss (Rainbow trout)	LC50 96h	0.85 mg/l
	Daphnia	NOEC	0.025 mg/l

12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects	No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with local/national regulations. Do not allow to enter drains or watercourses.

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

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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.

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 number: 34029090

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

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

- CAS Chemical Abstract Service (division of the American Chemical Society) – Section 3.
- STOT Single Target Organ Toxicity – Section 11.
- TWA Time Weighted Average – Section 8.
- STEL Short Term Exposure Limit – Section 8.
- DNEL Derived No Effect Level – Section 8.
- 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.

IM Group Riverside Ind. Estate, Fazeley, Tamworth, Staffordshire B78 3RW.

The IM Group utilizes a process of continuous product improvement for all of our products. While the IM Group strictly adhere to our products specifications, we routinely implement product improvements. Therefore, please contact us for our most current product specifications. The IM Group warrants the quality of this product when used according to directions. Apply protective coatings per Company Standards. User shall determine suitability of product for use and assumes all risk. The seller will not accept liability for more than product replacement.

Trademarks: Red Rag is a trademark of the IM Group.

