



Material Safety Data Sheet

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) name: **SPA.GIENE**
Product Code: **SG**
Product Use: Premium strength anti-microbial cleaner.
Supplier Name: HY.GIENE AUSTRALIA P/L (ABN 34 271 614 027)
Supplier Address: Factory 8/16 Macquarie Place, Boronia, Victoria 3155
Telephone: (03) 9729 3946
Fax: (03) 9729 3942
Email: info@hygieneaustralia.com.au
Website: www.hygieneaustralia.com.au

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Ingredients This product contains quaternary ammonium compounds, fragrance and water.

| <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|---|--------------|-------------------|
| Ingredients determined Not to be hazardous | Not required | 100% |

SECTION 3 – HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC.
Not classified as a dangerous good according to the ADG Code.

Risk phrases : None applicable.

Safety phrases : None applicable

SECTION 4 – FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

Ingestion Do **NOT** induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

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| Eye | If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| First Aid Facilities | Eye wash and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically or consult a Poisons Information Centre (Phone 131 126). |

SECTION 5 – FIRE FIGHTING MEASURES

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| Extinguishing Media | Use extinguishing media suitable for surrounding environment. |
| Specific Hazards | This product is non-flammable. However, following evaporation of aqueous component, the dried residue may burn if ignited. |
| Hazardous Combustion Products | Under fire conditions, following evaporation of the aqueous component, this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, amines and oxides of nitrogen. |
| Precautions in Connection with Fire | Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in a positive pressure mode. |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Slippery when spilt – avoid accidents. Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimize skin and eye exposure. If possible contain large spills, absorb with inert absorbent such as vermiculite and place in suitably labeled steel container. Mop up material and place into the same container. Hose down residues or minor spills with excess water. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

SECTION 7 – HANDLING AND STORAGE

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| Handling | Use in a well ventilated area. Build up of mists or vapours in the atmosphere should be prevented. Avoid breathing in mists of vapours. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come in contact with this material maintain high standards of personal hygiene ie washing hands prior to eating, drinking, smoking or using toilet facilities. |
| Storage | Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers, away from oxidising agents. Inspect periodically for deficiencies such as damage or leaks. |

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| National Exposure Standards | No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC). |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then Respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant |

upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716 Respiratory Protective Devices

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| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstance i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AZ/NZS 2161.1 : Occupational protective gloves – Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |
| Eng. Controls | Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used. |
| Other information | Biological Limit Values : No biological limit allocated. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Clear liquid with slight ammonia odour and tooti-fruitti fragrance. |
| Melting Point: | -10 °C |
| pH value: | 7.2 |
| Vapour Pressure: | Not available |
| Vapour Density: (Air=1) | Not available |
| Boiling Point: | Approx 100 °C |
| Melting Point: | ~ 0 °C. |
| Solubility: | Soluble |
| Specific Gravity: (H2O=1) | 0.985 |
| Flash Point | Not applicable |
| Flammability | This product is non-flammable. However, following evaporation of aqueous component, the dried residue may burn if ignited. |
| Ignition Temperature | Not applicable |
| Flammable Limits | Not applicable |
| LEL | |
| Flammable Limits | Not applicable |
| UEL | |

SECTION 10 – STABILITY AND REACTIVITY

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| Chemical Stability: | Stable under normal conditions of storage and handling. |
| Conditions to Avoid: | Avoid sources of heat. |
| Hazardous Decomposition Products: | Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide, amines, oxides of Nitrogen and hydrogen chloride. |
| Hazardous Reactions: | Will not occur. |
| Polymerisation: | |
| Materials to avoid: | Avoid contact with strong oxidising agents and strong reducing agents. |

SECTION 11 – TOXICOLOGICAL INFORMATION

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| Toxicology | No toxicity data is available for this product. |
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Information

Inhalation: Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin: May cause redness, itching and irritation.

Eye: May cause eye irritation, tearing, stinging, blurred vision and redness.

Ingestion: Ingestion of this product may irritate the gastric tract causing nausea and vomiting

Chronic Effects: Prolonged or repeated exposure will cause drying/defatting of skin and may lead to dermatitis.

SECTION 12 – ECOLOGICAL INFORMATION

Environ. Protection Do not allow product to enter drains, waterways or sewers.

Mobility No data is available for this material.

**Persistence/
Degradability** No data is available for this material.

Ecotoxicity No data is available for this material.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA and state regulations.

SECTION 14 – TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number: None allocated

UN Shipping Name: None allocated

Packing Group: None allocated

Hazchem code: None allocated. Not Hazardous

ADG Code: None allocated

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule S5

SECTION 16 – OTHER INFORMATION

Contact Person/Point Phone : 1 800 616 930

The product contained in this material data safety data sheet is supplied by the Manufacturer as a guide to handling the product SPA.GIENE, and is believed to be correct in regard to normal Conditions of use. Water conditions do, however, vary greatly and abnormal conditions may affect the recommendations and product performance. Whilst HY.GIENE AUSTRALIA PTY LTD will endeavour to assist with any particular problem (and, of course, hold to its Money Back Guarantee as specified) : the manufacturer accepts no responsibility in respect of the recommendations contained herein, and their said applications. Similarly, Safety and First aid instructions are not covered in this folder, but are specified on each individual SPA>GIENE labe, according to Federal and State laws. The appropriate manufacturer idemnities are also printed on each label where necessary.

SDS History MSDS Review : April 2005
Supersedes : November 2001

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using this product.

This MSDS is prepared in accord with the NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]