

SPA.GIENE

Safety Data Sheet



1. Identification

GHS Product identifier SPA.GIENE
Company Name HY.GIENE Australia Pty. Ltd.
Address Unit 3, 41 Gatwick Road, BAYSWATER, VIC 3153
Telephone +61 (3) 9729 3946
Fax Number +61 (3) 9729 3942
Recommended use of the chemical and restrictions on use Jacuzzi Spa Bath Sanitiser
Other Names None
Other Information Emergency contact: **1800 616 930**

2. Hazard Identification

Statement of Hazardous Nature

Hazardous according to the criteria of Safe Work Australia.
 NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.

GHS classification of Skin Irritation Category 2
 Eye irritation Category 2A
Signal Word (s) **WARNING**
Hazard Statement(s) H 315 Causes skin irritation
 H315 Causes eye irritation



Pictogram (s) GHS07
Risk Phrases R36/38 Irritating to eyes and skin.

Precautionary statement

Prevention P234 Keep only in original container.
 P233 Keep container tightly closed.
 P264 Wash hands after use.
 P280 Wear protective gloves

Response

P305 + P351 + P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and continue rinsing.
 P337 + P313: If eye irritation persists, seek medical advice.
 P302 + P352: IF ON SKIN: Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 P332 + P313: If skin irritation persists, seek medical advice.
 P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage None Allocated.

Disposal None allocated.

3. Composition/information on ingredients

Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
Quaternary Ammonium compounds	68391-01-5	LOW	Xi	R36/38
KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1				

Non-hazardous ingredients to 100%

4. First-aid measures

Ingestion:	Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
Skin:	Wash off with soap and plenty of water. Consult a physician if irritation, burning or redness develops.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities	Normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Suitable extinguishing Media Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area. If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade.

Specific hazards arising from the chemical There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.

Precautions in connection with fire Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

6. Accidental release measures

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)

Clean-up Methods

Small Spillages	Minor spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage.
Large Spillages	Seek expert advice on handling and disposal.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

7. Handling and storage

Precautions for Safe Handling	Product is safe to handle under normal conditions of use.
Conditions for safe storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Incompatible products	None known
Incompatible materials	None known

8. Exposure controls/personal protection

Occupational exposure limit values

<u>Name</u>	<u>mg/m3</u>	<u>STEL</u>	<u>ppm</u>	<u>mg/m3</u>	<u>TWA</u>	<u>ppm</u>	<u>Footnote</u>
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There are no occupational exposure limits set for this product.

Appropriate engineering Controls	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other Methods
Personal Protective Equipment	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Respiratory Protection	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be Selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels
Eye Protection	The use of safety glasses with side shield protection. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	Avoid skin contact when removing gloves from hands. Hand protection should comply with AS 2161, <i>Occupational Protective Gloves</i>
Footwear	Safety footwear in industrial situations is advisory.
Body Protection	Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection Against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
Hygiene Measures	Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

9. Physical and chemical properties

Appearance	Colourless liquid
Odour	Scented (<i>Tutti Fruitti</i>)
Melting Point	-0 °C
Boiling Point	~ 100 °C
Flash point	Not applicable
Vapour Pressure	Not determined
Solubility	Miscible with water in all proportions.
Specific Gravity	1.0 g/cm ³ @ 20 °C
pH	6.0 – 7.0 (as supplied)
Viscosity	Water-like
Percent volatile	> 90 %
Flammability	Non flammable

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of use	Hazardous Decomposition products	Carbon monoxide and carbon dioxide
Conditions to Avoid	No special conditions. Refer to storage conditions in Section 7.	Possibility of hazardous reactions	Not expected to occur.
Incompatible Materials	None known	Hazardous Polymerization	Will not occur

11. Toxicological Information

Acute toxicity	Health effects from the likely routes of exposure:
Inhalation	Not expected to cause respiratory irritation.
Skin	Not expected to cause irritation.
Eye	May cause slight irritation/discomfort.
Ingestion	May result in irritation to the gastrointestinal tract.
Target Organs	There is no data to hand indicating any particular health effects on target organs.

12. Ecological Information

Ecotoxicity	Data from 50% quaternary ammonium compound: Fish Toxicity (<i>Zebra Fish</i>): LC50, 1-10 mg/L % Biological elimination: 35-70% [Method: OECD 302B]
Persistence and degradability	Biodegradable.

13. Disposal Considerations

Disposal	The small quantities contained in wash solutions can be handled by conventional sewage, septic and grey water systems. To dispose of large quantities of undiluted product, refer to State Land Waste Management Authority. Containers should be emptied as completely as practical before disposal.
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14. Transport information

U.N. Number	None allocated
UN proper shipping name	None allocated
Transport hazard class/es	None allocated
Hazchem Code	None allocated
Packing Group	None allocated

15. Regulatory information

Regulatory Information Ingredients listed in the Australian Inventory of Chemical Substances (AICS).

Poisons Schedule None allocated

16. Other Information

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions. If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken. Safety Data Sheets are updated frequently. Please ensure you have a current copy.