1. Identification of the Material and Supplier

Product Name	Solosan
Product Use	No rinse sanitiser in food processing areas. No rinse sanitising: 1 part in 200 parts of water. Sanitising followed by potable water rinse: 1 part in 100 parts of water.
Creation Date:	21 August 2010
Supplier	Solo Pak Pty Ltd
ABN	29 076 652 269
Mail Address	PO Box 67, Brisbane Markets, QLD, 4106
Telephone:	1300 307 755
Facsimile	07 3378 4100
Emergency Telephone:	1300 307 755 (Available 24 Hours)

2. Hazards Identification

STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the criteria of SafeWork Australia, and ADG Code.

Risk Phrases:	Not Hazardous - No criteria found
Safety Phrases:	Not Hazardous - No criteria found.
SUSDP Classification:.	Not a Poison
ADG Classification:	None allocated. Not a Dangerous Good.
UN Number:	None allocated

Emergency Overview

Physical Description & colour	Clear Blue / Purple mobile liquid.
Odour:	No odour.
Major Health Hazards:	No major health hazards are known.

Potential Health Effects

Inhalation:	Inhalation of product mist may cause respiratory irritation: Symptoms may include coughing and difficulty breathing. Move person to fresh air
Skin Contact:	Symptoms may include pain, redness and swelling.
Eye Contact:	Symptoms may include pain, redness, swelling and tearing
Ingestion:	Symptoms may include nausea, vomiting, pain and diarrhea. Do not induce vomiting,

Carcinogen Status:

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

3. Composition/Information on Ingredients

(Listed when present at 1% or greater, carcinogens at 0.1% or greater)

Chemical Name	% Weight	CAS Registry Number	TWA (mg/m^3)	STEL (mg/m^3)
Water	To 100	7732-18-5	not set	not set
Alkyl dimethylbenzyl ammonium chloride	<5	8045-21-4	not set	not set
Food Grade Dye	<1	-	-	-

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.
The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

4. First aid measures

For Advice contact a Poisons Information Centre (phone eg. Australia 131126: New Zealand 0 800 764 766) or a Doctor.

For Ingestion:	Rinse mouth with water. Do not induce vomiting. Give a glass of water to be taken slowly. Seek medical advice.
For Skin:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
For Eyes	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
For Inhalation	Remove from exposure. Prevent inhaling atomised product. If symptoms persist, seek medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product contains a quaternary ammonium salt. Contact Poisons Information Centre.
Symptoms and Effects	No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

NOTES TO PHYSICIAN	Treat symptomatically. For exposures to quaternary ammonium compounds; • For ingestion of concentrated solutions (10% or higher): Swallow promptly a large quantity of milk, egg whites / gelatin solution. If not readily available, a slurry of activated charcoal may be useful. Avoid alcohol. Because of probable mucosal damage omit gastric lavage and emetic drugs. • For dilute solutions (2% or less): If little or no emesis appears spontaneously, administer syrup of Ipecac or perform gastric lavage. • If hypotension becomes severe, institute measures against circulatory shock. • If respiration laboured, administer oxygen and support breathing mechanically. Oropharyngeal airway may be inserted in absence of gag reflex. Epiglottic or laryngeal edema may necessitate a tracheotomy. • Persistent convulsions may be controlled by cautious intravenous injection of diazepam or short-acting barbiturate drugs. [Gosselin et al, Clinical Toxicology of Commercial Products]

5. Fire fighting measures

Fire and Explosion Hazards:	Non flammable. Not an explosion hazard.
Extinguishing Media:	Not Combustible. Use extinguishing media suited to burning materials.
Fire Fighting:	
Flash point:	Does not burn
Upper Flammability Limit:	Does not burn
Lower Flammability Limit:	Does not burn.
Autoignition temperature:	Does not burn.
Flammability Class:	Does not burn.

6. Accidental release measures

Accidental release: Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a

minimum, wear overalls, goggles and gloves. No special recommendations for clothing materials. Stop leak if safe to do so, and contain spill.
Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. Handling and storage

Handling:	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
Storage:	Store packages of this product in a cool place. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

8. Exposure controls /personal protection

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Exposure Limits	TWA (mg/m^3)	STEL (mg/m^3)

Exposure limits have not been established by NOHSC for any of the significant ingredients in this product.

Ventilation:	Use adequate ventilation. Use solution presents no general hazard.
Respiratory Protection:	Not required under normal working/use conditions.
Eye Protection:	Not normally required. Use if mist will get into the eyes in specific applications.
Skin Protection:	Use gloves if hands will be continually in solution. Not

	normally necessary in general use as this product is used in a spray bottle.
Personal Hygiene:	As in handling any detergent, wash thoroughly after use.

9. Physical and chemical properties

Physical Description & colour:	Clear Blue / Purple mobile liquid.
Odour:	No odour
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Lower than 0^{o} C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	No data.
Specific Gravity:	1.025
Water Solubility:	Completely soluble in water.
pH:	Neutral
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data
Coeff Oil/water distribution:	No data
Autoignition temp:	Does not burn.

10. Stability and Reactivity

Reactivity:	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
Conditions to Avoid:	None known.
Incompatibilities:	No particular incompatibilities.
Fire Decomposition:	Small quantities of carbon dioxide may be generated.
Polymerisation:	This product is unlikely to undergo polymerisation processes.

11. Toxicological information

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient Risk Phrases
No hazardous ingredients present in hazardous concentrations.

12. Ecological information

13. Disposal considerations

Refer to Land Waste Management Authority in your State. Prevent spills entering natural waters.

14. Transport information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

15. Regulatory information

ACIS: All of the significant ingredients in this formulation are to be found in the public AICS Database.
Other information
Acronyms:
ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS Australian Inventory of Chemical Substances
CAS number Chemical Abstracts Service Registry Number
Hazchem Number Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC International Agency for Research on Cancer
NOHSC National Occupational Health and Safety Commission
NOS Not otherwise specified
NTP National Toxicology Program (USA)
R-Phrase Risk Phrase
SUSDP Standard for the Uniform Scheduling of Drugs & Poisons
UN Number United Nations Number

End of MSDS