1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Solo Pak Ocean Breeze Disinfectant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Means of Identification</td>
<td>None</td>
</tr>
<tr>
<td>Product Code</td>
<td>5lt: 44-523, 20lt: 44-524</td>
</tr>
<tr>
<td>Product Use</td>
<td>Concentrated air freshener and disinfectant. Usage: 1 to 120 diluted with water.</td>
</tr>
</tbody>
</table>

Supplier
ABN: 29 076 652 269
Mail Address: PO Box 67, Brisbane Markets QLD, 4106
Email: sales@solopak.com.au
Telephone: 1300 307 755
Emergency Telephone: Poisons Information Centre (National) 131126

2. Hazards Identification

Classification of the substance or mixture
HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Poisons Schedule
| None |

GHS Classification
| Acute toxicity-Oral (Category 5) |
| Skin corrosion/irritation (Category 3) |
| Serious eye damage/eye irritation (Category 2A) |

GHS Label Elements

SIGNAL WORD
WARNING

Hazard Statement(s)

H303 | May be harmful if swallowed |
H316 | Causes mild skin irritation |
H319 | Causes serious eye irritation. |

Prevention(s)

P280 | Wear protective gloves/protective clothing/eye protection/face protection |
P312 | Call a POISON CENTER or doctor if you feel |
P332+P313: If skin irritation occurs, get medical advice/attention.

Response
P362: Take off contaminated clothing and wash before reuse.
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+P338: If eye irritation persists: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.

Storage: Not applicable

Disposal
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. Composition/Information on Ingredients

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Registry Number</th>
<th>% Weight</th>
<th>Hazard Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Didecyl Dimethylammonium Chloride</td>
<td>7173-51-5</td>
<td>2.5</td>
<td>H301: Toxic if swallowed&lt;br&gt;H314: Causes severe skin burns and eye damage&lt;br&gt;H318: Serious eye damage Category 1&lt;br&gt;H400: Acute aquatic toxicity Category 1&lt;br&gt;H412: Harmful to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>Polyoxyethylene C12C14 acid methyl ester</td>
<td>Proprietary</td>
<td>&lt;10</td>
<td>H303: May be harmful if swallowed.&lt;br&gt;H316: Causes mild skin irritation.&lt;br&gt;H319: Causes serious eye irritation.</td>
</tr>
<tr>
<td>Cocoamide MEA</td>
<td>68140-001</td>
<td>&lt;5</td>
<td>H315: Skin Irritation Category 2&lt;br&gt;H318: Serious eye damage, Category 1</td>
</tr>
<tr>
<td>Ingredients determined to be non-hazardous</td>
<td>Various</td>
<td>&lt;10</td>
<td>None</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>To 100</td>
<td>None</td>
</tr>
</tbody>
</table>

The SWA 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 may be equaled (but should not be exceeded) for no longer than 15 minutes and should not be repeated 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
Solo Pak Pty Ltd

Solo Pak Ocean Breeze Disinfectant

General
For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor. If swallowed, do NOT induce vomiting. Immediately give a glass of water.

Inhalation
If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

Skin
If skin contact occurs:
- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

Eyes
If this product comes in contact with the eyes:
- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Ingestion
If swallowed do NOT induce vomiting.
If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

Symptoms Caused by
Prolonged skin contact may result in dermatitis or reddening of the skin.

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

5. Fire Fighting Measures

Extinguishing Media
The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.
- Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.
- In such an event consider: foam.

Fire Fighting
Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.

Fire and Explosion Hazards
Non combustible.

Non considered to be a significant fire risk.
Expansion or decomposition on heating may lead to violent rupture of containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO). Decomposes on heating and produces toxic fumes of: carbon dioxide (CO₂), hydrogen chloride, phosgene, nitrogen oxides (NOₓ), other pyrolysis products typical of burning organic material.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Minor Spills
- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact with the substance, by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Slippery when spilt.

Major Spills
- Moderate hazard.
- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Slippery when spilt.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

7. Precautions for handling and storage

Precautions for safe handling

Precautions for Safe Handling
- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Avoid contact with incompatible materials.
- DO NOT allow clothing wet with material to stay in contact with skin.

Other Information
- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

Conditions for safe storage, including any incompatibilities

Suitable containers
- Lined metal can, lined metal pail/ can.
- Plastic pail.
- Polyliner drum.
- Packing as recommended by manufacturer.

Storage Incompatibility
- None known
8. Exposure controls /personal protection

National Exposure Standards
Engineering Controls

An exposure standard has not been established for this product.
Use in well-ventilated area

Personal Protection

Eyes/Face
Safety glasses

Hands
Rubber gloves. Avoid skin contact.
Not generally required when used as per label directions. Avoid skin contact.

Skin
Not generally required when used as per label directions. Avoid inhaling spray mist.

9. Physical and chemical properties

Physical Description & colour:
Yellow mobile liquid.

Odour:
Bubble Gum fragrance

Boiling Point:
Approximately 100°C at 100kPa.

Freezing/Melting Point:
Lower than 0°C.

Vapour Pressure:
10% Water.

Vapour Density:
No data.

Specific Gravity:
1.01

Water Solubility:
Completely soluble in water.

pH:
6.5-7.5

Volatility:
No data.

Odour Threshold:
No data.

Evaporation Rate:
No data.

Coeff Oil/water distribution:
No data

10. Stability and Reactivity

Chemical Stability
The product is stable under normal conditions

Possibility of Hazardous Reaction
None known

Conditions to Avoid
Extreme heat and temperatures

Incompatible Materials
Strong oxidizing agents

Hazardous Decomposition Products
None known

11. Toxicological information
Solo Pak Pty Ltd

Safety Data Sheet
Solo Pak Ocean Breeze Disinfectant

Toxicology Information

Inhalation
No toxicity information is available for this product.
Aspiration (breathing in) of liquid spray or mist liable to cause severe irritation and damage to respiratory tract.

Ingestion
Quaternary ammonium salts in high concentrations are irritant. May cause gastric upset.

Skin
Will have a degreasing effect on the skin which may lead to irritation on prolonged contact with the concentrate.

Eye
Irritant.

Chronic Effects
Repeated skin contact with the concentrate may lead to dermatitic effects.

12. Ecological information

Ecotoxicity
No data available

Persistence/Degradability
The substance is expected to be readily biodegradable according to the AS 4351 Part 2 test protocol.

Bio-accumulative Potential
Bioaccumulation is unlikely to occur.

Mobility in Soil
No data available

13. Disposal considerations

Disposal
Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

14. Transport Information

UN Number
This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. Regulatory Information

AICS
All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Alkaline salts, is mentioned in the SUSMP.

16. Other information

Abbreviations
Solo Pak Pty Ltd

Safety Data Sheet
Solo Pak Ocean Breeze Disinfectant

AICS Australian Inventory of Chemical Substances
CAS Number Unique Chemical Abstracts Service Registry Number
EC50 Ecotoxic Concentration 50% — concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species)
ES Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed in a work day
GHS Globally Harmonised System of Classification and Labelling of Chemicals
HAZCHEM Code Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters
IARC International Agency for Research on Cancer
LEL Lower Explosive Limit
LD50 Lethal Dose 50% — dose which is fatal to 50% of a test population (usually rats).
LC50 Lethal Concentration 50% — concentration in air which is fatal to 50% of a test population (usually rats)
NICNAS National Industrial Chemicals Notification and Assessment Scheme
Peak Limitation Peak Exposure Value: The maximum airborne concentration of a biological or chemical agent to which a worker may be exposed at any time.
SDS Safety Data Sheet
STEL Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded
TWA Time Weighted Average — generally referred to ES averaged over typical work day (usually 8 hours)
UEL Upper Explosive Limit
UN Number United Nations Number

References

Data Unless otherwise stated comes from IUCLID datasheet for the specific chemical.

Prepared By Jon Sprinkhuizen
Date of Issue 25th of September 2016
Changes Made Update SDS to GHS format
Contact Person/Point Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26
Legal Disclaimer The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

End of MSDS

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Version 2.0 Created 26 October 2016