

This Material is Not Hazardous according to the criteria of NOHSC

1. Identification of the Material and Supplier

Product Name Germex
Creation Date: 15 April 2009
Supplier Solo Pak Pty Ltd
ABN 29 076 652 269
Mail Address PO Box 245 Kenmore, QLD, 4069

Telephone: 1300 307 755
Facsimile 07 3378 4100

Emergency Telephone: 1300 307 755 (Available 24 Hours)

2. 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 |
| (Ethylenedinitrilo)tetraacetic acid tetrasodium salt | <5 | 64-02-8 | not set | not set |
| Alkyl dimethylbenzyl ammonium chloride | 10 | 8045-21-4 | not set | not set |
| Alcohol ethoxylate | 15-30 | 68439-50-9 | not set | not set |
| Fatty alcohol alkoxyate | 5-15 | 103818-93-5 | not set | not set |
| Cocamide diethanolamine | <5 | 90651-47-1 | | |
| Odour Masking Agent | <5 | Compound | not set | not set |
| Perfume | <5 | Compound | not set | not set |

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.

3. Hazards Identification

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

Emergency Overview

| | |
|--|------------------------------------|
| Physical Description & colour | Clear red mobile liquid. |
| Odour: | Floral 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. |

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: Do not induce vomiting unless advised by physician or poison control center. Immediately give 3-4 glasses of milk (if none, give water). Get medical attention. Do not give anything by mouth to an unconscious person. Call a physician. Probable mucal damage may contraindicate the use of gastric lavage. Measures against circulatory shock as well as oxygen and measures to support breathing manually or mechanically may be needed.

For Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

| | |
|----------------|--|
| | Wash contaminated clothing before reuse. As for all foreign materials, wash off concentrate and dilute use solutions with water. Remove clothing which has been saturated by concentrate. Do not allow prolonged contact with the concentrated undiluted material as toxic amounts can be absorbed. Decontaminate affected clothing and shoes. |
| For Eyes | <u>Immediately</u> flush with plenty of water for at least 15 minutes. Remove contact lenses Hold eyelid open to insure complete washing. <u>Get Medical Attention.</u> |
| For Inhalation | Move person to fresh air. Get medial attention if irritation persists. |

5. Fire fighting measures

| | |
|-----------------------------|---|
| Fire and Explosion Hazards: | 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. |
| 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

9. Physical and chemical properties

| | |
|--------------------------------|---|
| Physical Description & colour: | Clear red mobile liquid |
| Odour: | Pleasant Fragrance |
| Boiling Point: | Approximately 100°C at 100kPa. |
| Freezing/Melting Point: | Lower than 0° 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: | In concentrate: 9.5, In use 7.5 |
| 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

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

13. Disposal considerations

Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site. This product should be suitable for landfill. However, check with local Waste Disposal Authority before sending there. Note that product properties may have been changed in use, significantly altering its suitability for landfill. Please do NOT dispose into sewers or waterways.

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

AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database.

16. Other information

This MSDS contains only safety-related information. For other data see product literature.

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