

Alcohol Free Hand Sanitizer

Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Alcohol Free Hand Sanitiser

Synonyms

Hand Sanitizer Alcohol Free

Product Code

972

Recommended use: Hand sanitiser

Supplier Name CLEAN PLUS CHEMICALS PTY LTD

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SDS Date 1st April 2020 Version 1.1

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

| | | | | | |
|----------------------|----------------|---------------------|----------------|---------------------------|----------------|
| UN No. | None Allocated | DG Class | None Allocated | Subsidiary Risk(s) | None Allocated |
| Packing Group | None Allocated | Hazchem Code | None Allocated | EPG | None Allocated |

3. COMPOSITION/ INFORMATION ON INGREDIENTS

| Ingredient | Formula | CAS No. | Content |
|---|---------------|---------------|--------------|
| ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE | NOT AVAILBLE | 68424-85-1 | Less than 1% |
| LACTIC ACID | CH3CHOH-COOH | | 1 - 10 % |
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | Remainder |

4. FIRST AID MEASURES

| | |
|-------------------|---|
| Eye | If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes. |
| Skin | No adverse effect noted. |
| Inhalation | No adverse effect noted. |

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Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically

NOTE: FOR ADVICE IN AN EMERGENCY, CONTACT THE POISONS INFORMATION CENTRE IN AUSTRALIA 13-11-26.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases if strongly heated.

Fire and Explosion Non flammable. No fire or explosion hazard exists.

Extinguishing Non flammable. Prevent contamination of drains or waterways.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution: surfaces may be slippery.

7. STORAGE AND HANDLING

Storage Store in cool, dry, well ventilated area, removed from acids, combustible materials and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Handling No special handling requirements are necessary.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds No exposure standard(s) allocated.

Biological Limits No biological limit allocated.

Engineering Controls Ensure adequate natural ventilation.

PPE Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|-------------------------------|------------------------------|---------------|
| Appearance | PINK LIQUID | Solubility (Water) | SOLUBLE |
| Odour | EUCALYPTUS OIL & TEA TREE OIL | Specific Gravity | 1.00 TO 1.05 |
| pH | 3 – 3.5 | | |
| Vapour Pressure | NOT AVAILABLE | Flammability | NON FLAMMABLE |
| Vapour Density | NOT AVAILABLE | Flash Point | NOT RELEVANT |
| Boiling Point | 100°C (Approximately) | Upper Explosion Limit | NOT RELEVANT |
| Melting Point | NOT AVAILABLE | Lower Explosion Limit | NOT RELEVANT |
| Evaporation Rate | NOT AVAILABLE | Volatiles | NOT AVAILABLE |

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10. STABILITY AND REACTIVITY

| | |
|----------------------------|---|
| Chemical Stability | Stable under normal conditions of handling, storage and use. |
| Conditions to Avoid | Avoid heat, sparks, open flames and other ignition sources. |
| Material to Avoid | Compatible with most commonly used materials. Incompatible with acids (e.g. Hydrochloric acid) and combustible/flammable materials. |
| Decomposition | May evolve toxic gases if heated to decomposition. |
| Hazardous Reactions | Polymerization is not expected to occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------|--|
| Health Hazard | Low irritant - low toxicity. No adverse health effects are anticipated with normal use of this product. |
| Eye | Irritant. Due to product form and nature of use, an eye hazard is not anticipated. However, direct contact may result in irritation, lacrimation and conjunctivitis. |
| Inhalation | Due to the low vapour pressure of this product, an inhalation hazard is not anticipated with normal use. |
| Skin | No adverse health effects are anticipated with normal use of this product. |
| Ingestion | Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation. |
| Toxicity Data | No toxicity is available for this product. |

12. ECOLOGICAL INFORMATION

| | |
|-----------------------------------|---|
| Environment | This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate. |
| Persistence/ Degradability | This product is readily biodegradable. |

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------|---|
| Waste Disposal | No special precautions are required for the disposal of this product. However, re-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information. |
| Legislation | Dispose of in accordance with relevant local legislation. |

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

| | | | | | |
|----------------------|----------------|---------------------|----------------|---------------------------|----------------|
| Shipping Name | None Allocated | DG Class | None Allocated | Subsidiary Risk(s) | None Allocated |
| UN No. | None allocated | Hazchem Code | None Allocated | EPG | None Allocated |
| Packing Group | None Allocated | | | | |

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15. REGULATORY INFORMATION

| | |
|------------------------|---|
| Poison Schedule | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). |
| AICS | All chemicals listed on the Australian Inventory of Chemical Substances (AICS). |

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:

ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial Substances.
GHS – Globally Harmonized System
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic meter.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This Safety Data Sheet document has been PREPARED by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.