

Product Name **HANDY PUMICE HAND CLEANER**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name RJS PRODUCTS PTY LTD
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Synonym(s) HANDY ABRASIVE HAND CLEANER • PRODUCT CODE - 450
Use(s) CLEANSER WITH PUMICE. INDUSTRIAL STRENGTH HAND CLEANER
SDS Date 24 February 2010 v1
 3 July 2012 v2

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA
RISK PHRASES

R43 May cause sensitisation by skin contact

SAFETY PHRASES

S2 Keep out of reach of children
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
 S60 this container and its container must be disposed of as hazardous waste
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets

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 |
|---|-------------------------|---------------|-----------|
| D-LIMONENE | C10-H16 | 5989-27-5 | 1-10% |
| TRIETHANOLAMINE DODECYLBENZENE SULPHONATE | C18-H30-O3-S.6-H15-N-O3 | 27323-41-7 | 10-30% |
| COCONUT ALKANOLAMINE | Not Available | 8051-30-7 | 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 | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor. |
| Inhalation | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. |
| 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

5. FIRE FIGHTING MEASURES

| | |
|---------------------------|--|
| Flammability | Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. |
| Fire and Explosion | Non flammable. Treat as per requirement for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind & notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas. |
| 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

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|-----------------|--|
| Storage | Store in cool, dry, well ventilated area, removed from oxidising agents (e.g. hypochlorites, peroxides, nitrates), acids and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. |
| Handling | Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. |

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| | |
|-----------------------------|--------------------------------------|
| Exposure Stds | No exposure standards allocated. |
| Biological Limits | No biological limit allocated. |
| Engineering Controls | Ensure adequate natural ventilation. |

PPE Personal Protective Equipment is not required under normal condition of use. However, the skin should be cleansed thoroughly with water after use. NOTE: Those individuals who experience adverse skin reactions are advised to discontinue use and seek professional advice regarding suitable alternative.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|--------------------------------|------------------------------|---------------|
| Appearance | OPAQUE DARK AQUA CREAMY LIQUID | Solubility (Water) | SOLUBLE |
| Odour | ORANGE PEEL ODOUR | Specific Gravity | 1.03 – 1.07 |
| Ph(neat) | 7.0 – 8.0 | Volatiles | NOT AVAILABLE |
| Vapour Pressure | NOT AVAILABLE | Flammability | NON FLAMMABLE |
| Vapour Density | NOT AVAILABLE | Flash Point | NOT RELEVANT |
| Boiling Point | NOT AVAILABLE | Upper Explosion Limit | NOT RELEVANT |
| Melting Point | NOT AVAILABLE | Lower Explosion Limit | NOT RELEVANT |
| Evaporation Rate | AS FOR WATER | | |

10. STABILITY AND REACTIVITY

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|----------------------------|---|
| Chemical Stability | Stable under recommended conditions of storage. |
| Conditions to Avoid | Avoid heat, sparks, open flames and other ignition sources. |
| Material to Avoid | Incompatible with oxidising agents (e.g. hypochlorites, peroxides), acids (eg. nitric acid), heat and ignition sources. |
| Decomposition | May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. |
| Hazardous Reactions | Polymerization is not expected to occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------|--|
| Health Hazard | Low to moderate toxicity. This product may only present a hazard with direct eye contact, ingestion and vapour inhalation at high levels. Given the low concentration of triethanolamine present in this product no adverse health effects are anticipated under normal conditions of use. |
| Eye | Irritant. Contact may result in irritation, lacrimation, pain and redness. |
| Inhalation | Exposure considered unlikely. Due to the product form and nature of use, an inhalation hazard is not anticipated. |
| Skin | Non – Low irritant. Prolonged or repeated contact may result in mild irritation. Some individuals may experience allergic reaction. |
| Ingestion | Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhea. Aspiration may result in chemical pneumonitis and pulmonary oedema. |
| Toxicity Data | D-Limonene(5989-27-5) LD50(Ingestion):4400mg/kg(rat) LD50(Intraperitoneal):600mg/kg(mouse) LD50(Intravenous):110mg/kg(rat) LD50(skin):.5mg/kg(rabbit) LD50(Subcutaneous):3170mg/kg(mouse) |

LDLo(subcutaneous):30200mg/kg(rat)
TDLo(Ingestion):67g/kg39weeks (mouse)

TRIETHANOLAMINE DODECYLBENZENE SULPHONATE (27323-41-7)
LD50(Ingestion):>10800mg/kg(rat)
LD50(Skin):23220mg/kg(rabbit)

12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, 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 | | | | |

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 Indices(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial chemical Substances.
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 compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals. 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.

End of Report**Prepared By**

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