


MATERIAL SAFETY DATA SHEET

SHOWER CLEANER

No. 1 | Date Issued: 12/03/2013

| COMPANY DETAILS | |
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| NAME: Hygiene Systems (Pty) Ltd | EMERGENCY TEL: 0860 494 4363 |
| ADDRESS: 7 Hargan Road, Jet Park, Boksburg | TEL: 011 552 8403 |
| SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION | |
| TRADE NAME: | Shower Cleaner |
| CHEMICAL FAMILY: | Neutral Detergent |
| CHEMICAL NAME: | Not applicable |
| SYNONYMS: | Not applicable |
| CHEMICAL ABSTRACT NO: | Not applicable |
| SECTION 2 – HAZARDOUS IDENTIFICATION | |
| MAIN HAZARD: | Harmful |
| FLAMMABILITY: | Not flammable |
| CHEMICAL HAZARD: | Harmful |
| BIOLOGICAL HAZARD: | Prolonged skin contact may defat the skin |
| REPRODUCTIVE HAZARD: | Not known |
| HEALTH EFFECTS <i>(eye contact)</i> | Stinging sensation |
| HEALTH EFFECTS <i>(skin contact)</i> | Irritating to the skin with prolonged use |
| HEALTH EFFECTS <i>(ingestion)</i> | Harmful if swallowed (Nausea and / or vomiting) |
| HEALTH EFFECTS <i>(inhalation)</i> | Not expected to be a hazard under normal conditions with good ventilation. |

| SECTION 3 - COMPOSITION | | | |
|--|---|-----------|----------------|
| HAZARDOUS COMPONENTS: | | | |
| | % | EC NUMBER | CLASSIFICATION |
| ESSENTIALLY NON-HAZARDOUS INGREDIENTS <i>(According to SANS 10234:2008 (GHS))</i> | | | |
| SECTION 4 – FIRST AID MEASURES | | | |
| PRODUCT IN EYE: | Immediately flush with water for at least 15 minutes or until irritation stops. Seek medical attention. | | |
| PRODUCT ON SKIN: | Immediately flush skin with plenty of water and remove any contaminated clothing. Seek medical attention if required. | | |
| PRODUCT INGESTED: | Do not induce vomiting. Give copious amounts of water to drink. Seek immediate medical attention. | | |
| PRODUCT INHALED: | Remove to fresh air. Consult physician, should breathing still be difficult. | | |
| SECTION 5 – FIRE FIGHTING MEASURES | | | |
| EXTINGUISHING MEDIA: | Not applicable | | |
| SPECIAL HAZARDS: | None | | |
| PROTECTIVE CLOTHING: | Not applicable | | |
| SECTION 6 – ACCIDENTAL RELEASE MEASURES | | | |
| PERSONAL PRECAUTIONS: | Gloves (recommended for prolonged use)  | | |
| ENVIRONMENTAL PRECAUTIONS: | Do not allow to enter waterways. | | |
| SMALL SPILLS: | Flush to approved drain with plenty of water. | | |
| LARGE SPILLS: | Absorbed onto inert material. May be buried in an approved landfill site. | | |
| SECTION 7 – HANDLING AND STORAGE | | | |
| SUITABLE MATERIAL: | Polyethylene containers (original container) | | |
| HANDLING / STORAGE PRECAUTIONS: | Avoid prolonged contact with skin and contact with eyes. Store in a cool dry place. | | |

| SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION | |
|---|---|
| OCCUPATION EXPOSURE LIMITS: | Not applicable |
| ENGINEERING CONTROL MEASURES: | None |
| PERSONAL PROTECTION: <i>(respiratory)</i> | None |
| PERSONAL PROTECTION: <i>(hand)</i> | Rubber gloves if contact is prolonged. |
| PERSONAL PROTECTION: <i>(eye)</i> | Goggles (recommended) |
| PERSONAL PROTECTION: <i>(skin)</i> | Overalls |
| OTHER PROTECTION: | Ventilation (local exhaust) |
| HYGIENE MEASURES: | Wash hands, forearms and face thoroughly after handling product and before eating, smoking and before going home. |
| SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES | |
| APPEARANCE: | Clear, orange viscous liquid |
| ODOUR: | That of oranges |
| pH (10% soln) | 6.0 – 8.0 |
| BOILING POINT: | Approx. 100°C |
| FREEZING POINT: | Not determined |
| FLASH POINT: | Not flammable |
| FLAMMABILITY: | Not flammable |
| EXPLOSIVE PROPERTIES: | Not considered as a product that has an explosion risk |
| OXIDIZING PROPERTIES: | None |
| VAPOUR PRESSUR: | Not determined |
| Density @20°C: | 1.02 ± 0.01g/cm ³ |
| SOLUBILITY: <i>(water)</i> | Complete |
| SOLUBILITY: <i>(solvent)</i> | Soluble in polar solvents |
| SOLUBILITY: <i>(coefficient)</i> | This product is more soluble in water |

| SECTION 10 – STABILITY AND REACTIVITY | |
|---|---|
| STABILITY: | The product is stable. |
| INCOMPATIBLE MATERIALS: | Strong acids and oxidizing agents. |
| SECTION 11 – TOXICOLOGICAL INFORMATION | |
| LOCAL EFFECTS: | |
| SKIN IRRITATION: | May cause an allergic skin reaction. |
| EYE IRRITATION: | Hazardous in case of eye contact (irritant). |
| ACUTE TOXICITY: | No toxic effect expected. |
| CHRONIC TOXICITY: | Severe eye and skin irritation may be produced with repeated or prolonged contact with concentrated product. |
| SPECIFIC EFFECTS: | |
| CARCINOGENIC EFFECTS: | None, as classified by OSHA and NIOSH |
| SECTION 12 – ECOLOGICAL INFORMATION | |
| ECO-TOXICITY: | |
| ECO-TOXICITY IN WATER: | Harmful to aquatic organisms. |
| BIODEGRADABILITY: | Readily biodegradable. If used responsibly, this product is not expected to cause adverse effects to the environment. |
| SECTION 13 – DISPOSAL CONSIDERATIONS | |
| DISPOSAL CONSIDERATION: | DO NOT re-use containers. |
| DISPOSAL METHODS: | Waste must be disposed of in accordance with local government and environmental control regulations. |
| WASTE CLASSIFICATION: | No additional information. |
| EUROPEAN WASTE CATALOGUE (EWC): | No known data. |
| HAZARDOUS WASTE: | The classification of this product may meet the criteria for hazardous waste. |


SECTION 14 – TRANSPORT INFORMATION

INTERNATIONAL TRANSPORT REGULATIONS:

| REGULATORY INFORMATION: | UN NUMBER: | PROPER SHIPPING NAME: | CLASS: | PACKING GROUP: | LABEL: | ADDITIONAL INFORMATION: |
|--|---------------|-----------------------|--------|----------------|--------|-------------------------|
| ADR/RID CLASS <i>Land: Road / Railway</i> | Not regulated | - | - | III | - | - |
| ADN CLASS <i>Inland: Waterways</i> | Not regulated | - | - | | | - |
| IMDG CLASS <i>Sea</i> | Not regulated | - | - | | | - |
| IATA-DGR CLASS <i>Air</i> | Not regulated | - | - | | | - |

SECTION 15 – REGULATORY INFORMATION

EU REGULATIONS:

| | |
|---------------------------|---|
| HAZARD SYMBOL(S): |  |
| CLASSIFICATION: | Warning |
| HAZARD STATEMENTS: | H303 – May be harmful if swallowed H317 – May cause an allergic skin reaction H320 – Cause eye irritation |
| PRECAUTIONARY STATEMENTS: | P102 – Keep out of reach of children P101 – If medical advice is needed, have product container or label at hand P301 + P330 + P331 – If swallowed: Rinse mouth and do not induce vomiting P205 + P352 + PP338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 – If eye irritation persists: Get medical advice. |
| PRODUCT USE: | Consumer applications. Classification and labelling have been performed as close as possible according to EU directive 67/548/EEC, 1999/45/EC including any amendments and the intended use. |

SECTION 16 – OTHER INFORMATION

**OTHER SPECIAL
CONSIDERATIONS:**

No additional remarks.

DISCLAIMER:

Hygiene Systems believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling and possible addition of other chemicals, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for user's consideration and examination. It is the responsibility for the user to determine the final suitability of this information and data to comply with all applicable international, state, and local laws and regulations.