



better products  
cleaner environment

## ***Shou 手 Green***

### **Environmentally Safe Hand Wash**

#### **Product Description**

***Shou Green*** is an environmentally friendly liquid hand soap. It contains only harmless ingredients, is safe for both users and the environment and is fully biodegradable. Gentle on the hands with a neutral pH, ***Shou Green*** contains moisturizer to protect against dryness, and a fragrance leaving a pleasant refreshing scent after washing.

#### **Areas of Use**

***Shou Green*** is highly suited for all general and commercial applications such as homes, schools, offices, cinemas, shopping centres, food establishments, light industries, and other public areas.

#### **Special Features**

- Singapore Green Label Certified
- Fully Biodegradable
- No Harmful Preservative
- Neutral pH
- Safe for the Environment



068-007-4054  
Environmentally  
Preferred  
Hand Soaps

#### **Directions for use**

- Fill soap dispenser with undiluted ***Shou Green***.
- Wet hands with water and apply a few drops of ***Shou Green***.
- Work up a creamy lather by rubbing hands together.
- Rinse well and dry hands.

#### **Precautions**

Avoid ingestion and eye contact.

# SAFETY DATA SHEET

| SECTION 1 - IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| Product Identifier: SHOU 手 GREEN                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                  | Supplier: Klenco (Singapore) Pte Ltd.<br>Address: 18 Gul Crescent, Singapore 629527<br>Department: Chemical<br>Person in Charge: Chemist |            |           |
| Other means of identification: Environmentally Safe Hand Wash                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Date of SDS: 01 January 2024                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                  | Phone: (65) 6862 3388<br>Fax: (65) 6861 7575<br>Email: www.klenco-asia.com<br>Emergency contact: (65) 6862 3388                          |            |           |
| Recommended use and restriction on use: SHOU GREEN is highly Suited for all general and commercial applications such as homes, schools, offices, cinemas, shopping centres, food establishment, light industries and other public areas.                                                                                                                                                                                                                        |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| SECTION 2 - HAZARDS IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| GHS classification: Acute toxicity: Category 4;<br>Eye irritation: Category 2                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| GHS label elements: Pictogram:                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                  | Signal words: Warning                                                                                                                    |            |           |
|                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Hazard statements: H320: Causes eye irritation.<br>Precaution statements: P233: Keep container tightly closed.                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Chemical Identification                                                                                                                                                                                                                                                                                                                                                                                                                                         | Component & Composition                                                                                                                                                                                          | Chemical Formula                                                                                                                         | CAS NO.    | EC NO.    |
| Sodium Lauryl Ether Sulphate                                                                                                                                                                                                                                                                                                                                                                                                                                    | < 5.0 %                                                                                                                                                                                                          | (C <sub>2</sub> H <sub>4</sub> O) <sub>mult</sub> · C <sub>12</sub> H <sub>26</sub> O <sub>4</sub> S · Na                                | 68891-38-3 | 500-234-8 |
| Palm Kernel DEA                                                                                                                                                                                                                                                                                                                                                                                                                                                 | < 1.0 %                                                                                                                                                                                                          | CH <sub>3</sub> (CH <sub>2</sub> ) <sub>n</sub> C(=O)N(CH <sub>2</sub> CH <sub>2</sub> OH) <sub>2</sub>                                  | 68603-42-9 | 271-657-0 |
| Citric Acid                                                                                                                                                                                                                                                                                                                                                                                                                                                     | < 0.01 %                                                                                                                                                                                                         | C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>                                                                                             | 77-92-9    | 201-069-1 |
| 1,2-Benzisothiazolin-3-One                                                                                                                                                                                                                                                                                                                                                                                                                                      | < 0.2 %                                                                                                                                                                                                          | C <sub>7</sub> H <sub>5</sub> NOS                                                                                                        | 2634-33-5  | 220-120-9 |
| Sodium Chloride                                                                                                                                                                                                                                                                                                                                                                                                                                                 | < 2.0 %                                                                                                                                                                                                          | NaCl                                                                                                                                     | 7647-14-5  | 231-598-3 |
| Blue Dye                                                                                                                                                                                                                                                                                                                                                                                                                                                        | < 0.01 %                                                                                                                                                                                                         | Cl                                                                                                                                       | 1330-38-7  | 215-537-8 |
| Fragrance                                                                                                                                                                                                                                                                                                                                                                                                                                                       | < 0.2 %                                                                                                                                                                                                          | Mixture                                                                                                                                  | NA         | NA        |
| Water                                                                                                                                                                                                                                                                                                                                                                                                                                                           | > 90.0 %                                                                                                                                                                                                         | H <sub>2</sub> O                                                                                                                         | 7732-18-5  | 231-791-2 |
| SECTION 4 – FIRST AID MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Inhalation:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person. |                                                                                                                                          |            |           |
| Skin contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Wash with large amounts of soap and water. If irritation persists, consult a physician.                                                                                                                          |                                                                                                                                          |            |           |
| Eye contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Flush with cool water for at least 15 minutes. Then consult a physician immediately if irritation persists.                                                                                                      |                                                                                                                                          |            |           |
| Ingestion:                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Do not induce vomiting. Dilute by drinking water. Call a physician immediately.                                                                                                                                  |                                                                                                                                          |            |           |
| Notes to Physicians:                                                                                                                                                                                                                                                                                                                                                                                                                                            | Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.                                                                              |                                                                                                                                          |            |           |
| SECTION 5 – FIRE-FIGHTING MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Suitable fire-extinguishing media:                                                                                                                                                                                                                                                                                                                                                                                                                              | Water, dry chemical, carbon dioxide and foam.                                                                                                                                                                    |                                                                                                                                          |            |           |
| Specific hazards arising from the chemical:                                                                                                                                                                                                                                                                                                                                                                                                                     | Burning can produce carbon dioxide and/or carbon monoxide.                                                                                                                                                       |                                                                                                                                          |            |           |
| Special protective actions for fire fighters:                                                                                                                                                                                                                                                                                                                                                                                                                   | Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.                                                                      |                                                                                                                                          |            |           |
| SECTION 6 - ACCIDENTIAL RELEASE MEASURE                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Personal precautions, protective equipment, and emergency measure:<br>Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc).                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Environmental precautions: Chemical substance should not be released into the environment (water, soil).                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Methods and materials for containment and cleaning up:<br>Stop spill at source. Contain material, as necessary, with dike or barrier. Mop, shovel or absorb with inert material and place in sound containers. Rinse remaining residue with excess water. Prevent run-off. Cover spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose of according to applicable local, state, and federal regulations. |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| SECTION 7 - HANDLING AND STORAGE                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Precaution for safe handling: Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-use.                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |
| Conditions for safe storage, including any incompatibilities:<br>Store in cool, dry, well-ventilated area at room temperature. Do not re-use empty container for food, clothing or products for human or animal consumption or where skin contact can occur.                                                                                                                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                          |            |           |

| SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION                                                                                                                                                                     |                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Control parameters/ Occupational exposure limits:                                                                                                                                                                      | ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels. |
| Appropriate engineering control measures:                                                                                                                                                                              | Normally ventilation is not required.                                                                                 |
| Personal Protection:                                                                                                                                                                                                   | Normally not required. Safety glasses / goggles can be worn if splashing is anticipated.                              |
| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES                                                                                                                                                                           |                                                                                                                       |
| Appearance & Odour:                                                                                                                                                                                                    | Blue liquid with pleasant odour.                                                                                      |
| Solubility in water:                                                                                                                                                                                                   | Complete.                                                                                                             |
| Boiling Point:                                                                                                                                                                                                         | 100 °C                                                                                                                |
| Specific Gravity:                                                                                                                                                                                                      | 1.025 +/- 0.01 g/cm <sup>3</sup>                                                                                      |
| PH:                                                                                                                                                                                                                    | 7.0 to 7.5                                                                                                            |
| Flash Point (T.C.C.):                                                                                                                                                                                                  | None to boiling                                                                                                       |
| Flammable Limits - Upper:                                                                                                                                                                                              | Not applicable                                                                                                        |
| Lower:                                                                                                                                                                                                                 | Not applicable                                                                                                        |
| Vapour Pressure:                                                                                                                                                                                                       | Not determined                                                                                                        |
| Vapour Density:                                                                                                                                                                                                        | Not determined                                                                                                        |
| SECTION 10 - STABILITY AND REACTIVITY                                                                                                                                                                                  |                                                                                                                       |
| Reactivity/ In compatible materials:                                                                                                                                                                                   | None                                                                                                                  |
| Chemical stability:                                                                                                                                                                                                    | Stable under normal temperature and pressure.                                                                         |
| Possibility of hazardous reaction:                                                                                                                                                                                     | Will not occur.                                                                                                       |
| Condition to avoid:                                                                                                                                                                                                    | Not applicable                                                                                                        |
| SECTION 11 – TOXICOLOGICAL INFORMATION                                                                                                                                                                                 |                                                                                                                       |
| Acute toxicity: Oral:                                                                                                                                                                                                  | LD 50 (rat): > 4500 mg/kg                                                                                             |
| Skin or eye irritation:                                                                                                                                                                                                | This product may cause mild irritation in the eyes of some individuals under accidental contact.                      |
| SECTION 12 – ECOLOGICAL INFORMATION                                                                                                                                                                                    |                                                                                                                       |
| Persistence and degradability:                                                                                                                                                                                         | Product degrades readily by action of microorganism.                                                                  |
| Bioaccumulative potential:                                                                                                                                                                                             | It is soluble in water and does not bio-accumulate.                                                                   |
| SECTION 13 – DISPOSAL CONSIDERATIONS                                                                                                                                                                                   |                                                                                                                       |
| Disposal method:                                                                                                                                                                                                       | Not regulated as it is fully biodegradable.                                                                           |
| SECTION 14 – TRANSPORT INFORMATION                                                                                                                                                                                     |                                                                                                                       |
| This material is non-regulated, and no special requirement is necessary.<br>HS Code: 34024990<br>The product is not covered by international regulations on the transport of dangerous goods.<br>(IMDG, IATA, ADR/RID) |                                                                                                                       |
| SECTION 15 – REGULATORY INFORMATION                                                                                                                                                                                    |                                                                                                                       |
| International regulation:                                                                                                                                                                                              |                                                                                                                       |
| Classification:                                                                                                                                                                                                        | This product has not been allocated any classification.                                                               |
| Risk phrases:                                                                                                                                                                                                          | R00 None required.                                                                                                    |
| Safety phrases:                                                                                                                                                                                                        | S07 Keep container tightly closed                                                                                     |
| SECTION 16 – OTHER INFORMATION                                                                                                                                                                                         |                                                                                                                       |
| Hazard Rating: HMIS (Hazardous Materials Information System)                                                                                                                                                           |                                                                                                                       |
| HEALTH:                                                                                                                                                                                                                | 0                                                                                                                     |
| FLAMMABILITY:                                                                                                                                                                                                          | 0                                                                                                                     |
| REACTIVITY:                                                                                                                                                                                                            | 0                                                                                                                     |
| 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme                                                                                                                                                                  |                                                                                                                       |

NOTICE: SDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.