

## **SAFE HANDS**

### Anti-Bacterial Hand Soap

#### **Product Description**

**SAFE HANDS** is a disinfectant liquid hand cleaner that kills most germs & microorganisms. It utilizes an ingredient that provides excellent long lasting anti-bacterial activity of up to 8 hours after use. **SAFE HAND'S** neutral pH and fresh fragrance makes it safe and pleasant for use.

#### **Areas of Use**

**SAFE HANDS** is highly suited for all general and commercial hand cleaning applications such as homes, offices, cinemas, shopping centres, light industries, clinics, food establishments and other public areas.

#### **Special Features**

- Strong anti-bacterial properties last up to 8 hours after use.
- Neutral pH
- Pleasant fragrance
- Fully biodegradable
- Easy to rinse.

#### **Directions for use**

- Fill soap dispenser with undiluted **SAFE HANDS**.
- Wet hands with water and apply a few drops of **SAFE HANDS**.
- 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: <b>SAFE HANDS</b>	Supplier: <b>Klenco (Singapore) Pte Ltd.</b> Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist
Other means of identification: Anti-Bacterial Hand Soap	
Date of SDS: 01 January 2026	Phone: (65) 6862 3388 Fax: (65) 6861 7575 Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249
Recommended use and restriction on use: <b>SAFE HANDS</b> Is highly suited for food processing establishments, all general commercial hand cleaning applications such as homes, offices, cinemas, shopping centres, light industries, clinics and other public areas.	

## SECTION 2 - HAZARDS IDENTIFICATION

**GHS classification:** Acute toxicity: Category 4;  
Eye irritation: Category 2

**GHS label elements:** Pictogram:



Signal Words: Warning

**Hazard statements:** H320: Causes eye irritation.  
**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	< 6.0 %	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>10</sub> CH <sub>2</sub> OSO <sub>3</sub> Na	68585-47-7	271-557-7
Cocodiethanolamide	< 2.0 %	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	271-659-0
Sodium Chloride	< 2.0 %	NaCl	7647-14-5	231-598-3
1,3-Bis(Hydroxymethyl)-5,5-Dimethylimidazolidine-2,4-Dione	< 0.5 %	C <sub>7</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>	6440-58-0	229-222-8
Citric Acid	< 0.1%	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	77-92-9	201-069-1
Red Dye	< 0.01 %	CI 14720	3567-69-9	222-657-4
Fragrance	< 0.2 %	Mixture	NA	NA
Water	> 85.0 %	H <sub>2</sub> O	7732-18-5	231-791-2
Chloro-Phenoxy Phenol	< 0.2 %	C <sub>12</sub> H <sub>8</sub> O <sub>2</sub> Cl <sub>2</sub>	NA	NA

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** N.A.

**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.

**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 - ACCIDENTAL RELEASE MEASURE

**Personal precautions, protective equipment, and emergency measures:** Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc.).

**Environmental precautions:** Chemical substances should not be released into the environment (water, soil).

**Methods and materials for containment and cleaning up:** 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. Cover spills with absorbent clay, sawdust or inert material and placed in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-using.

**Conditions for safe storage, including any incompatibilities:** Store in cool, dry, well-ventilated area at room temperature. Do not re-use empty containers 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: None

**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				
<b>Appearance &amp; Odour:</b>	Red liquid with fresh scent.			
<b>Solubility in water:</b>	Complete.			
<b>Boiling Point:</b>	100 °C			
<b>Specific Gravity:</b>	1.020 +/- 0.005 g/cm <sup>3</sup>			
<b>pH:</b>	7.0 to 7.5			
<b>Flash Point (T.C.C.):</b>	None to boiling	<b>Flammable Limits - Upper:</b> Not applicable <b>Lower:</b> Not applicable		
<b>Vapour Pressure:</b>	Not determined			
<b>Vapour Density:</b>	Not determined			
SECTION 10 - STABILITY AND REACTIVITY				
<b>Reactivity/ In compatible materials:</b>	None			
<b>Chemical stability:</b>	Stable under normal temperature and pressure.			
<b>Possibility of hazardous reaction:</b>	Will not occur.			
<b>Condition to avoid:</b>	Not applicable			
SECTION 11 – TOXICOLOGICAL INFORMATION				
<b>Acute Toxicity:</b> Oral LD 50 (rat): > 4500 mg/kg				
SECTION 12 – ECOLOGICAL INFORMATION				
<b>Persistence and degradability:</b>	Product degrades readily by action of microorganism.			
<b>Bioaccumulative potential:</b>	It is soluble in water and does not bio-accumulate.			
SECTION 13 – DISPOSAL CONSIDERATIONS				
<b>Disposal method:</b>	Dispose of in an approved waste facility according to local regulations. It is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework if feasible (2) Incinerate at an authorized facility (3) Treat at an acceptable waste treatment facility.			
SECTION 14 – TRANSPORT INFORMATION				
This material is non-regulated, and no special requirement is necessary. HS Code: 34024990				
The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID)				
SECTION 15 – REGULATORY INFORMATION				
<b>International regulation:</b>				
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				
<b>Hazard Rating: HMIS (Hazardous Materials Information System)</b>				
<b>HEALTH:</b>	1			
<b>FLAMMABILITY:</b>	0			
<b>REACTIVITY:</b>	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.