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## **SAFE GEL**

### **Antiseptic Waterless Hand Gel**

#### **Product Description**

**SAFE GEL** is an antiseptic gel type hand cleaner with a pleasant perfume for effective and safe removing of grease and ingrained grime from hands with or without wetting or rinsing with water.

#### **Areas of Use**

Suitable for use in garages, machine shops, print shops, marine and petrol industries, and other places where hands are subject to heavy soiling of grime and grease. Ideal where water supply is not readily available.

#### **Special Features**

- Easily removes grease, ingrained grime, oil, carbon, duplication, and printing ink, tar, dyes and dirt from hands
- Easy to use does not require pre-wetting or rinsing.
- Contains no abrasives, solvents or caustic materials which damage and irritates skin
- Antibacterial agents destroy bacteria, preventing infections and minimizing industrial dermatitis
- Fortified with lanolin which leaves skin comfortably soft and clean without defatting or drying of skin

#### **Directions for use**

- Use a small amount of **SAFE GEL** and rub thoroughly on both hands
- After cleaning, wipe dirty residue off with paper towel or clean cloth
- Wash hands with water before handling food.

#### **Precautions**

As with most chemical products, avoid ingestion and eye contact.

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: SAFE GEL	Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist
Other means of identification: Antiseptic Waterless Hand Gel	
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: SAFE GEL is suitable for use in garages, machine shops, print shops, marine and petrol industries and other places where hands are subject to heavy soiling of grime and grease. Ideal where water supply is not readily available.	

## SECTION 2 - HAZARDS IDENTIFICATION

GHS classification: Acute toxicity: Category 4 Eye irritation: Category 2	Signal Words: Warning
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Hazard statements: H320: Causes eye irritation.
Precaution statements: P102: Keep out of reach of children.
P262: Do not get in eyes.

## SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Solvent White Spirit	< 35.0 %	NA	64475-85-0	232-455-8
Triethanolamine	< 2.0 %	C6H15NO3	102-71-6	203-049-8
Nonyl Phenol Ethoxylates	< 12.0 %	C <sub>33</sub> H <sub>60</sub> O <sub>10</sub>	26571-11-9	247-816-5
Oleic Acid	< 3.0 %	C18H34O2	112-80-1	204-007-1
Lanolin	< 2.0 %	-	8006-54-0	232-348-6
Fragrance	< 0.3 %	Mixture	NA	NA
Water	> 50.0 %	H <sub>2</sub> O	7732-18-5	231-791-2
Parafin Wax	< 2.0 %	C <sub>n</sub> H <sub>2n+2</sub> n=24~36	8002-74-2	232-315-6

## 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.

**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:** 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. Eliminate all sources of ignition. 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:** Combustible material. Store in cool, dry, well-ventilated area at room temperature away from any possible source of ignition.

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: 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.

<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>		
<b>Appearance &amp; Odour:</b>	Opaque white gel with pleasant odour.	
<b>Solubility in water:</b>	Emulsifiable	
<b>Boiling Point:</b>	N.A	
<b>Specific Gravity:</b>	1.000 +/- 0.005 g/cm <sup>3</sup> (1% dilution)	
<b>pH:</b>	7.0 +/- 0.5 (1% dilution)	
<b>Flash Point (T.C.C.):</b>	93.3 °C	<b>Flammable Limits - Upper:</b> ~ 6.5% <b>Lower:</b> ~0.7 %
<b>Vapour Pressure:</b>	Not determined	
<b>Vapour Density:</b>	Not determined	
<b>SECTION 10 - STABILITY AND REACTIVITY</b>		
<b>Reactivity/ In compatible materials:</b>	Acids and oxidizers.	
<b>Chemical stability:</b>	Stable under normal temperature and pressure.	
<b>Possibility of hazardous reaction:</b>	Will not occur.	
<b>Condition to avoid:</b>	Prevent possible source of ignition.	
<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>		
<b>Acute toxicity:</b> Oral: LD 50 (rat): > 2000 mg/kg		
<b>Skin or eye irritation:</b>	This product contains petroleum solvent that may cause irritation in eyes and skin of some individuals.	
<b>SECTION 12 - ECOLOGICAL INFORMATION</b>		
<b>Persistence and degradability:</b>	Product degrades readily by action of microorganism.	
<b>Bioaccumulative potential:</b>	It is emulsifiable in water and does not bio-accumulate.	
<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>		
<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.	
<b>SECTION 14 - TRANSPORT INFORMATION</b>		
This material is non-regulated, and no special requirement is necessary.		
HS Code: 34024290		
The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID)		
<b>SECTION 15 - REGULATORY INFORMATION</b>		
<b>International regulation:</b>		
Classification:	This product contains petroleum solvent that is classified as a flammable and combustible liquid under EC classification.	
Risk phrases:	R36      Irritating to eyes.	
Safety phrases:	S02      Keep out of reach of children. S25      Avoid contact with eyes.	
<b>SECTION 16 - OTHER INFORMATION</b>		
<b>Hazard Rating: HMIS (Hazardous Materials Information System)</b>		
HEALTH:	1	
FLAMMABILITY:	1	
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.