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## **KRYSTAL** Antibacterial Dishwashing Liquid

### **Product Description**

**KRYSTAL** is an economical dishwashing liquid made with carefully selected mild surfactants that provides effective cleaning to cut through grease and grime and yet gentle on the hands. Its' lemon fragrance makes it pleasant for regular usage giving dishes a refreshing after scent.

**KRYSTAL** is also formulated with powerful antibacterial agent to rid off common bacteria that may be present on the dishes leaving dishes as clean as can be giving peace of mind for the next use of your dishes.

### **Areas of Use**

**KRYSTAL** is highly suitable for all manual hand dishwashing applications in all food and beverage establishments.

### **Special Features**

- Antibacterial properties for effective efficacy against most common bacteria
- Neutral pH and mild surfactants make it safe for use on hands.
- Fully biodegradable
- Concentrated for greater economy.
- Easy to rinse.
- Pleasant lemon fragrance

### **Directions for use**

- Wet dishes with water and apply a few drops of **KRYSTAL**.
- Work up a creamy lather by rubbing dishes with a scrubbing pad.
- Rinse well and let dry dishes on tray.

### **Precautions**

Avoid ingestion and eye contact.

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: KRYSTAL	Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist
Other means of identification: Antibacterial Dishwashing Liquid	
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: KRYSTAL is highly suitable for all manual hand dishwashing applications in all food and beverage establishments.	

## SECTION 2 - HAZARDS IDENTIFICATION

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

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	< 5.0 %	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	271-657-0
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
Yellow Dye	< 0.01 %	CI 18965	6359-98-4	228-819-0
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 - 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 spilling 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 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 it, 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.

<b>SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>				
<b>Control parameters/ Occupational exposure limits:</b>	ACGIH - TLV:	Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.		
<b>Appropriate engineering control measures:</b> Normally ventilation is not required.				
<b>Personal Protection:</b> 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>	Yellow liquid with pleasant odour.			
<b>Solubility in water:</b>	Complete.			
<b>Boiling Point:</b>	100 °C			
<b>Specific Gravity:</b>	1.025 +/- 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			
<b>SECTION 10 - STABILITY AND REACTIVITY</b>				
<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			
<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>				
<b>Acute toxicity: Oral:</b>	LD 50 (rat): > 4500 mg/kg			
<b>Skin or eye irritation:</b>	This product may cause mild irritation in the eyes of some individuals under accidental contact.			
<b>SECTION 12 - ECOLOGICAL INFORMATION</b>				
<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.			
<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: 34024990				
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 has not been allocated any classification.			
Risk phrases:	R00	None required.		
Safety phrases:	S07	Keep container tightly closed.		
<b>SECTION 16 - OTHER INFORMATION</b>				
<b>Hazard Rating: HMIS (Hazardous Materials Information System)</b>				
<b>HEALTH:</b>	0			
<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.