



better products  
cleaner environment

## **SANIFECT**

### **High Level Disinfectant**

#### **Product Description**

**SANIFECT** is a powerful, convenient, multi-purpose disinfectant that kills viruses and bacteria, yet is non-toxic, alcohol free and neutral pH, making it safe for a wide range of applications methods including fogging. **SANIFECT**'s technology utilizes pH modifiers that neutralize the ionic bonds of protein envelopes that hold hard-to-kill viruses together; and then penetrate to destroy the nucleic acid and dissolve the virus in seconds.

***KLENCO SANIFECT is included in National Environment Agency's (NEA Singapore) list of Household Disinfectants / Cleaning Products Effective Against Coronaviruses***

#### **Areas of Use**

**SANIFECT** High Level Disinfectant is ideal for disinfecting floors, walls, table-tops, door handles, hand railings, lift button panels, plant and kitchen equipment, toilets and all hard surfaces in homes, hotels, hospitals, train stations, offices, schools, factories and all private and public areas.

#### **Special Features**

- Alcohol and solvent free, thus non-flammable
- Non-toxic, safe to use even around patients.
- Kill List (at 1:20 dilution with water):

Viruses

*HIV, Caliciviruses (for Norovirus, Norwalk virus), Hepatitis B virus, Adenovirus, Herpes virus Type 1 & 2, Influenza virus Type A, Vaccinia virus, Feline Leukemia viruses, Respiratory Syncytial virus, Rubella virus and Coronaviruses such as infectious Bronchitis virus and the Covid-19 virus*

Bacteria (as tested under EN1276)

*Staphylococcus Aureus, E. Coli, Pseudomonas Aeruginosa, Enterococcus, Enterobacter Aerogenes & Cloacae, Salmonella Typhimurium, Proteus Mirabilis & Vulgaris, Chlamydia Psittaci.*

Yeast and Fungi

*Canadida Slbicans, Aspergillus Niger.*

#### **Directions of Use**

Dilute 1:20 with water for proven disinfection results and complete user safety.

Dilute 1:40 with water for spray misting/fogging.

#### **Cleaning**

For disinfecting non-porous surfaces, apply with sprayer, cloth, mop or by machine scrubbing.

#### **Fogging**

Please observe the following standard precautions for fogging:

1. Use power supply from a point outside the area
2. Enclose room as much as possible and stop all mechanical ventilation
3. Ensure room is vacated during fogging
4. User should wear protective mask and clothing while fogging and until fog disperses
5. Fogging should continue until moisture starts to form on walls and other surfaces
6. After fog disperses, leave surfaces to dry or wipe off using cloth or disposable paper

#### **Precautions**

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

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: SANIFECT	Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist
Other means of identification: High Level Disinfectant	
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 restrictions: SANIFECT High Level Disinfectant is ideal for disinfecting floors, walls, table-tops, door handles, hand railings, lift button panels, plant and kitchen equipment, toilets and all hard surfaces in homes, hotels, hospitals, train stations, offices, schools, factories and all private and public areas.	

## SECTION 2 - HAZARDS IDENTIFICATION

GHS classification: Acute toxicity oral: Category 5; Skin irritation: Category 2, Eye irritation: Category 2A	
GHS label elements: Pictogram:	Signal Words: Warning
	
Hazard statements: H302: Harmful if swallowed. H315: Causes skin irritation. H319: Causes serious eye irritation.	
Precaution statements: P102 Keep out of reach of children. P233: Keep container tightly closed. P262: Do not get in eyes, on skin or on clothing.	

## SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Water	> 90.0 %	H2O	7732-18-5	231-791-2
Alkyl Dimethyl Benzyl Ammonium chloride	3.8%	C21H38NCI	68424-85-1	270-325-2
Blue Dye	< 0.01 %	CI 61585	4474-24-2	224-748-4

## 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: 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 required
Appropriate engineering control measures: Normal ventilation is sufficient
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>	Clear blue liquid , mild odour			
<b>Solubility in water:</b>	Complete.			
<b>Boiling Point:</b>	100 ° C			
<b>Specific Gravity:</b>	1.000 +/- 0.005 g/cm <sup>3</sup>			
<b>pH:</b>	7.5 +/- 0.5			
<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>	Do not mix with other anionic base chemicals			
<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: Oral:</b>	Acute toxicity oral: Category 5			
SECTION 12 – ECOLOGICAL INFORMATION				
The data below is based on alkyl dimethyl benzyl ammonium chloride. Product only contains 3.8% as in Section 3.				
<b>Hazards to aquatic environment:</b>	Category acute 1, 96 hr LC50 (fish) < 0.515 mg/l			
<b>Persistence and degradability:</b>	Readily biodegradable 95.5% in 28 days.			
<b>Bioaccumulative potential:</b>	BCF: 67.62 L/Kg			
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: 34024100				
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:</b> HMIS (Hazardous Materials Information System) <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.