



better products
cleaner environment

SANIFECT

High Level Disinfectant

Product Description

SANIFECT is based on a new technology that kills viruses and bacteria but yet is non-toxic, alcohol free and neutral pH, making it safe for a wide range of applications methods including fogging. **SANIFECT** contains pH modifiers that neutralize ionic bonds of protein envelopes that hold hard-to-kill viruses together; and plant oil extract molecules that then penetrate to destroy the nucleic acid and dissolve the virus in seconds. This breakthrough technology is the result of years of research funded by the British Government.

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, ideal for fogging buildings.
- Non-toxic, safe to use even around patients.
- Kill List (at 1:10 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 Leukaemia viruses,
 - Respiratory Syncytial virus, Rubella virus and **coronaviruses such as Infectious Bronchitis 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 1:10 with water for proven disinfection results and complete user safety.

Cleaning

For hard surface disinfecting, apply with sprayer, cloth, mop or by machine scrubbing.

Fogging


Please observe the following standard precautions for fogging:

1. Remove absorbent material such as fabric from room being fogged
2. Use power supply from a point outside the area
3. Enclose room as much as possible and stop all mechanical ventilation
4. Ensure room is vacated during fogging
5. User should wear protective mask and clothing while fogging and until fog disperses
6. Fogging should continue until moisture starts to form on walls and other surfaces
7. After fog disperses, leave 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		Phone: (65) 6862 3388		
Date of SDS: 11 February 2020		Fax: (65) 6861 7575		
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.		Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
SECTION 2 - HAZARDS IDENTIFICATION				
GHS classification: Acute toxicity: Category 4; Skin irritation: Category 2, Eye irritation: Category 2				
GHS label elements: Pictogram:		Signal Words:		Warning
				
Hazard statements:		H315: Causes skin irritation 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.
Water	> 90.0 %	H2O	7732-18-5	231-791-2
Quaternary Ammonium Compound	3.8%	C21H38NCl	68424-85-1	270-325-2
Blue Dye	< 0.01 %	-	NA	NA
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 measure: 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: 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 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: 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: 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			
Appearance & Odour:	Clear blue liquid with mild odour.		
Solubility in water:	Complete.		
Boiling Point:	100 ° C		
Specific Gravity:	1.000 +/- 0.005 g/cm³		
PH:	7.5 +/- 0.5		
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:	Do not mix with other anionic base chemicals		
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 This product does not contain any known hazardous ingredients.		
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:	Dispose off 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: 34021200			
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.