



better products
cleaner environment

GENERAL PURPOSE STATICIDE®

Product Description

Designed for non-porous surfaces, **GENERAL PURPOSE STATICIDE®** solves static control problems related to the attraction of dirt, dust and bacteria to all environmental surfaces, plastic products and product packaging.

Areas of Use

Using **GENERAL PURPOSE STATICIDE®** can prevent damage of sensitive electronic equipment, components, and sub-assemblies during manufacture, shipping or receiving by reducing a static charge to zero volts. This solution inhibits charge generation on all surfaces it's applied to including tote boxes and carriers used to process and store electronic components.

Using **GENERAL PURPOSE STATICIDE®** can also reduce dust, dirt, and bacteria attraction by removing the charge. Non-toxic and safe to use, this solution can be used in industrial, institutional, and commercial environments.

Special Features

- Every Staticide® topical dilution is proven to be effective in relative humidity below 15%.
- Exceeds MIL-B-81705 specifications for static decay in accordance with Federal Test Standard 101, method 4046



Directions for use

- Use-as-is (For non-porous surfaces only)
- Staticide® topicals can be applied by spraying, wiping, dipping, transfer roller coating, gravure coating or flexographic printing.
- On a hard surface, 1 gallon of **GENERAL PURPOSE STATICIDE®** covers 2,000 – 2,500 sq ft.

Precaution

In ready to use form, **GENERAL PURPOSE STATICIDE®** is non toxic by oral ingestion, inhalation, or dermal application. It is not a primary skin or major eye irritant. Non-flammable and completely stable, this product will not deteriorate after long periods in storage.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: GENERAL PURPOSE STATICIDE		Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist		
Other means of identification: Anti-static solution		Phone: (65) 6862 3388		
Date of SDS: 01 January 2024		Fax: (65) 6861 7575		
Manufacturer: ACL Incorporated 840 W. 49 th Place Chicago, IL 60609 PH : (01) 847.981.9212 [USA] FAX : (01) 847.981.9278 [USA]		Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
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.
Quaternary ammonium compounds, coco alkylbis (hydroxyethyl)methyl, nitrates	< 0.5 %	-	71487-00-8	814-640-0
Isopropyl alcohol	< 0.5 %	C3H8O	67-63-0	200-661-7
Deionized Water	> 95.0 %	H ₂ 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.				
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, carbon monoxide and acrylic monomers.				
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 substances should not be released into the environment (water, soil). Dispose according to local regulations.				
Methods and materials for containment and cleaning up: Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water. Stop discharge, if safe to do so. Cover spills with absorbent clay, sawdust or inert material and place in closed plastic containers. Dispose 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: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.
Appropriate engineering control measures:	Local exhaust ventilation usually required, when vapours, mist, or dusts can be released.
Personal Protection:	Use the protective equipment such as safety glasses / goggles and rubber / PVC gloves
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance & Odour:	Clear pale yellow with characteristic odour.
Solubility in water:	Completely
Boiling Point:	100 ° C
Specific Gravity:	0.99 +/- 0.01 g/cm ³
PH:	7.0 +/- 1.0
Flash Point (T.C.C.):	None to boiling Flammable Limits - Upper: Not applicable Lower: Not applicable
V.O.C. :	3.6 gm / litre
Vapour Pressure:	Not determined
Vapour Density (Air=1):	Not Establish
SECTION 10 - STABILITY AND REACTIVITY	
Reactivity/ In compatible materials:	None
Chemical stability:	Stable under normal temperature and pressure.
Possibility of hazardous reaction:	Will not occur.
Condition to avoid:	Not applicable. Stable under normal condition.
SECTION 11 – TOXICOLOGICAL INFORMATION	
Skin or eye irritation:	Oral toxicity (LD ₅₀) : 3600 mg/kg (rat) for Isopropyl alcohol
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. Non-hazardous material. HS Code: 34021200	
SECTION 15 – REGULATORY INFORMATION	
International regulation:	Classification: This product complies with the OSHA Hazard Communication rule
Risk phrases:	R35/38 Irritating to eyes and skin.
Safety phrases:	S07 Keep container tightly closed
SECTION 16 – OTHER INFORMATION	
Hazard Rating: HMIS (Hazardous Materials Information System) HEALTH: 1 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.