



better products
cleaner environment

STATICIDE® CLEAN ROOM

Product Description

STATICIDE® CLEAN ROOM specifically formulated anti-static cleaner to control electronic discharge in clean rooms. It is sodium and chloride free while providing a long lasting and economical solution to static problems. **STATICIDE® CLEAN ROOM** is class 100 Clean Room approved.



Areas of Use

STATICIDE® CLEAN ROOM eliminate static electricity on floors, chairs, CRT screens, work surfaces, glass, plastics and other static prone materials.

Special Features

- Filtered to less than 0.5 microns
- Non-toxic & non-corrosive
- Never dries out, no powder / out gassing
- Biodegradable
- Suitable for class 100 & above industries clean room

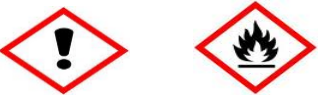
Directions for use

- Use **STATICIDE® CLEAN ROOM** for regular maintenance on environmental surfaces and major floor mounted equipment.
- Dampen a clean room approved lint free cloth, sponge or mop with cleaner.
- Wipe hard surfaces and allow to dry thoroughly.
- Do not soak or wet the surfaces, use only enough to cause a slight moisture layer.

Precaution

Refer to Safety Data Sheet.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: STATICIDE CLEAN ROOM		Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist		
Other means of identification: Anti – Static Cleaner for Clean room environment		Phone: (65) 6862 3388 Fax: (65) 6861 7575 Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
Date of SDS: 01 January 2024		Manufacturer: ACL Incorporated 840 W. 49 th Place Chicago, IL 60609 PH : (01) 847.981.9212 [USA] FAX : (01) 847.981.9278 [USA]		
SECTION 2 - HAZARDS IDENTIFICATION				
GHS classification: : Flammable liquid: Category 2; Skin irritation: Category 2;		Acute toxicity: Oral: Category 2 Eye irritation: Category 2		
GHS label elements: Pictogram:		Signal Words: Danger		
				
Hazard statements:		H225: Highly Flammable liquid H319: Causes serious eye irritation.		
Precaution statements:		P102: Keep out of reach of children. P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking P233: Keep container tightly closed. P235: Keep cool. P280: Wear protective gloves/eye protection/face protection		
SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS				
Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Anti-static agent	< 10.0 %	-	-	-
Isopropyl alcohol	46.0 - 49.0 %	C3H8O	67-63-0	200-661-7
Deionized water	47.0 – 51.0 %	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: Dry chemical, carbon dioxide and foam.				
Specific hazards arising from the chemical: Burning can produce carbon dioxide, carbon monoxide and traces of nitrogen oxides.				
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 - ACCIDENTIAL 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. Keep away from heat, sparks and flame.				

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.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance & Odour:	Clear liquid with alcohol odour.
Solubility in water:	Complete.
Boiling Point:	75 deg C
Specific Gravity:	0.90 g/cm ³
Flash Point (T.C.C.):	< 20 deg C (IPA) Flammable Limits - Upper: 12.0 Lower: 2.0
V.O.C.	3.62 g/l
Vapour Pressure:	Not determined
Vapour Density:	Not determined
SECTION 10 - STABILITY AND REACTIVITY	
Reactivity/ In compatible materials:	Oxidizers, reducers, acids and bases.
Chemical stability:	Stable under normal temperature and pressure.
Possibility of hazardous reaction:	Will not occur.
Condition to avoid:	Do not store above 48 deg C
SECTION 11 – TOXICOLOGICAL INFORMATION	
Acute toxicity:	Ethylene glycol butyl ether may affect liver and kidneys. May increase red blood cells.
Skin or eye irritation:	This product contains alcohols that may cause irritation to individuals upon eye contact.
SECTION 12 – ECOLOGICAL INFORMATION	
Persistence and degradability:	Product should be treated in accordance to the ingredients as specified. Disposal if any should be in accordance to local regulations.
SECTION 13 – DISPOSAL CONSIDERATIONS	
Disposal method: 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	
Shipping Name:	Isopropyl alcohol
Hazard Class:	3
UN Number:	UN 1219
HS Code:	34052000
SECTION 15 – REGULATORY INFORMATION	
International regulation:	
Risk phrases:	R36 Irritating to eyes.
Safety phrases:	S02 Keep out of reach of children.
	S07 Keep container tightly closed.
	S25 Avoid contact with eyes.
SECTION 16 – OTHER INFORMATION	
Hazard Rating: HMIS (Hazardous Materials Information System)	
HEALTH: 1	
FLAMMABILITY: 3	
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.