



better products for a cleaner environment

POWER DEO

Deodorant Tablets

Product Description

POWER DEO is a powerful deodorant tablet made especially for odour control in washrooms and other wet or dry areas. It contains 80-90% para-dichlorobenzene and a powerful perfume. ***POWER DEO*** is also suitable for use in storage areas to help protect clothes, books and furniture against moths and silverfish.

Areas of Use

POWER DEO should be used in urinals, gutters, and other concealed areas prone to odours. It can also be used as a fumigant against insects in rooms, cupboards, drawers and other enclosed areas.

Special Features

- Provides powerful local deodorization of urinals and gutters in toilets
- Long lasting tablet reduce need for regular manual deodorizing, resulting in labour and material savings.
- Can also be used as insect fumigant in dry storage areas


Directions for Use

- Place tablets directly in places where deodorant or fumigant is required
- For places wet constantly, such as urinals, add new tablets when old ones are nearly worn out.
- For dry areas, replace when smell is no longer detected

Precautions

Avoid ingestion or excessive inhalation of vapour. Wash hands thoroughly after contact.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: POWER DEO		Supplier: Klenco (Singapore) Pte Ltd.		
Other means of identification: Deodorant Tablets		Address: 18 Gul Crescent, Singapore 629527		
Date of SDS: 1 January 2018		Department: Chemical		
Recommended use and restriction on use: POWER DEO should be used in urinals, gutters, and other concealed areas prone to odours. It can also be used as a fumigant against insects in rooms, cupboards, drawers and other enclosed areas.		Person in Charge: Chemist		
		Phone: (65) 6862 3388		
		Fax: (65) 6861 7575		
		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				
GHS label elements: Pictogram:		Signal Words: Warning		
				
Hazard statements:		H302: Harmful if swallowed H315: Causes skin irritation		
Precaution statements:		P102: Keep out of reach of children. P233: Keep container tightly closed. P280: Wear protective gloves and clothing.		
SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS				
Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Para-dichlorobenzene	> 90.0 %	C6H4Cl2	106-46-7	203-400-5
Perfume	< 10.0 %	Mixture	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 by sweeping or by shovel and place in sound containers. Rinse remaining residue with excess water. Sweep up but do not create any unnecessary dusting 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: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels if in enclosed spaces.				
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:	Off-white tablets with pleasant odour.
Solubility in water:	77 ppm @ 30 ^o C
Boiling Point:	54 ^o C
Specific Gravity:	1.25 to 1.5 g/cm ³
PH:	Not applicable
Flash Point (T.C.C.):	64 ^o C Flammable Limits - Upper: Not applicable Lower: Not applicable
Vapour Pressure:	0.4 (mm Hg at 21 ^o C)
Vapour Density:	~ 5.07 (Air = 1)
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:	Open flames, hot glowing surfaces or electric plates. May create toxic fumes.
SECTION 11 – TOXICOLOGICAL INFORMATION	
Acute toxicity: Oral:	LD 50 (rat): > 500 mg/kg. See Sections 2 and 3 for information.
SECTION 12 – ECOLOGICAL INFORMATION	
Persistence and degradability:	This material will sublime under normal use conditions.
Bioaccumulative potential:	As above.
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	
	Keep away from any food sources when transporting. HS Code: 29039100
SECTION 15 – REGULATORY INFORMATION	
International regulation:	
Classification:	This product is classified as harmful to toxic and should not be ingested.
Risk phrases:	R22 Harmful if swallowed R43 May cause sensitization by skin contact
Safety phrases:	S02 Keep out of reach of children S07 Keep container tightly closed S36/ 37 Wear suitable protective clothing and gloves
SECTION 16 – OTHER INFORMATION	
Hazard Rating: HMIS (Hazardous Materials Information System)	
HEALTH:	2
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.