



better products
cleaner environment

POWER FLORAL **Concentrated Odour Mask**

Product Description

POWER FLORAL is specially developed for masking heavy and obnoxious odours. The quaternary type of germicidal system and non-ionic detergent blend in ***POWER FLORAL*** also provides excellent cleaning and disinfecting properties.

Areas of Use

POWER FLORAL is effective for both heavy duty deodorizing in places such as toilets, locker rooms, refuse centres and also for general cleaning in public transport stations, hospitals, institutions and other areas where a hygienic, pleasant environment is required.

Special Features

- Suited for both heavy duty odour masking and general cleaning & disinfecting.
- Effective against strong odours caused by bacterial decomposition of organic matter.
- Pleasant floral scent lingers on long after use.
- Strong disinfectant properties make it suitable for toilets and other areas prone to bacteria

Directions for Use

Various methods of application and dilution rates may be employed, depending on the job to be done. General recommended dilution ratios:

- Spraying on disagreeable objects and areas as odour mask ~ 1:4
- General mopping / wiping of walls, floors, and public areas ~ 1:40
- Cleaning / deodorizing of toilet surfaces and other enclosed areas ~ 1:80
- Adding to carpet shampoo for deodorizing / disinfecting carpets ~ 1:120

Precautions

As with most chemical products, avoid ingestion and eye contact. If product enters eyes, flushing with water should be sufficient. If ingested, dilute by drinking water and seek medical help.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: POWER FLORAL		Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist		
Other means of identification: Concentrated Odour Mask		Phone: (65) 6862 3388		
Date of SDS: 01 January 2024		Fax: (65) 6861 7575 Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
Recommended use and restriction on use: POWER FLORAL is effective for both heavy duty deodorizing in places such as toilets, locker rooms, refuse centres and also for general cleaning in public transport stations, hospitals, institutions, and other areas where a hygienic, pleasant environment is required.				
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. P262: Do not get on skin. P280: Wear protective gloves and 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
Nonyl Phenol Ethoxylates	< 3.0 %	C ₃₀ H ₆₂ O ₁₀	68002-97-1	500-182-6
Alkylbenzyltrimethylammonium Chloride	< 3.0 %	C ₂₁ H ₃₈ NCl	68424-85-1	270-325-2
Fragrance	< 3.0 %	Mixture	NA	NA
Ethyl Alcohol	<1.0%	CH ₃ CH ₂ OH	64-17-5	200-578-6
Red Dye	< 0.01 %	CI 14720	3567-69-9	222-657-4
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 - ACCIDENTIAL RELEASE MEASURE				
Personal precautions, protective equipment, and emergency measures: 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 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
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:	Red liquid with floral scent.
Solubility in water:	Complete.
Boiling Point:	100 °C
Specific Gravity:	1.000 +/- 0.005 g/cm ³
PH:	5.8 +/- 0.2
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:	None
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): > 0.6 g/kg
Skin or eye irritation:	Contains surfactants that may cause mild irritation to eyes and skin of some individuals.
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 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	
International regulation:	
Classification:	This product has not been allocated any classification.
Risk phrases:	R22 Harmful if swallowed. R38 Irritating to skin.
Safety phrases:	S02 Keep out of reach of children. S24 Avoid contact with skin. S36/ 37 Wear suitable protective clothing and gloves.
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.