



better products for a cleaner environment

## **POWER FLORAL**

### **Concentrated Odour Mask**

#### **Product Description**

**POWER FLORAL** is specially developed for masking of heavy and obnoxious odours. The quaternary type 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.

KLENGO (SINGAPORE) PTE LTD

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# MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
<b>Product Name:</b> POWER FLORAL			<b>Distributor:</b> KLENCO (SINGAPORE) PTE LTD		
<b>Description:</b> Concentrated Odour Mask			<b>Address:</b> 18 Gul Crescent, Singapore 629527		
<b>Date of MSDS:</b> August 2004			<b>Tel:</b> (65) 6862 3388		
SECTION 2 - INFORMATION ON INGREDIENTS					
Chemical Name/Common Name	%	TLV	Chemical Name/Common Name	%	TLV
Non-hazardous ingredients	100				
SECTION 3 - HAZARDS IDENTIFICATION					
<b>Emergency Overview:</b> Ingestion may cause nausea, vomiting, pain, upset stomach and diarrhea. May cause mild eye irritation. Do not swallow. See sections 3, 5 and 6.					
<b>Primary Routes of Exposure:</b> Skin					
<b>Eye Contact:</b> May cause mild irritation.					
<b>Skin Contact:</b> May cause mild irritation to some individuals.					
<b>Inhalation:</b> Exposure is unlikely.					
<b>Ingestion:</b> Exposure is unlikely. May cause nausea, vomiting, pain, and stomach upset.					
<b>Target Organs/Chronic Effects:</b> None known.					
<b>Conditions Aggravated By Exposure:</b> Exposure to this product is not expected to contribute, worsen or aggravate any pre-existing medical conditions.					
SECTION 4 – FIRST AID MEASURES					
<b>Eye Contact:</b> Flush with cool water for at least 15 minutes. Then consult a physician immediately if irritation persists.					
<b>Skin:</b> Wash with large amounts of soap and water. If irritation persists, consult a physician.					
<b>Ingestion:</b> Do not induce vomiting. Dilute by drinking water. Call a physician immediately.					
<b>Inhalation:</b> 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.					
<b>Notes to Physicians:</b> Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.					
SECTION 5 – FIRE FIGHTING METHODS					
<b>Flash Point (T.C.C.):</b> None to boiling		<b>Flammable Limits - Upper:</b> NA <b>Lower:</b> NA			
<b>Extinguishing Media:</b> Water, dry chemical, carbon dioxide and foam.					
<b>Special Fire Fighting Procedure:</b> Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.					
<b>Unusual Fire/Explosion Hazards:</b> None					
<b>Hazardous Decomposition Products:</b> Burning can produce carbon dioxide and/or carbon monoxide.					
SECTION 6 - ACCIDENTAL RELEASE MEASURES					
<b>Evacuation:</b> No special procedures are usually necessary.					
<b>Containment:</b> 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.					
<b>Collection And Disposal:</b> Prevent run-off. Use proper protective equipment. Cover spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose according to applicable local, state and federal regulations.					
SECTION 7 - HANDLING AND STORAGE					
<b>Storage Conditions:</b> Store in cool, dry, well ventilated area at room temperature.					
<b>Transfer:</b> No special precautions are needed. Follow good manufacturing and handling practices.					
<b>Personal Hygiene:</b> Wash thoroughly with water after handling and before eating and/or drinking. Launder contaminated clothing before re-use.					
<b>Empty Container Precautions:</b> 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					
<b>Exposure Guidelines:</b>					
<b>ACGIH - TLV:</b> None					
<b>Engineering Controls/Ventilation:</b> Normally ventilation is not required					
<b>Respiratory Protection:</b> Normally not required.					
<b>Eye Protection:</b> Normally not required. Safety glasses / goggles can be worn if splashing is anticipated.					
<b>Hand Protection:</b> Not required.					
<b>Other Protective Clothing:</b> Normal work clothing covering arms and legs if splashing anticipated.					

<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance &amp; Odour:</b>	Red liquid with floral scent.
<b>Solubility in water:</b>	Complete.
<b>Boiling Point:</b>	100 °C
<b>Specific Gravity:</b>	1.000 +/- 0.005 g/cm <sup>3</sup>
<b>PH:</b>	5.8 +/- 0.2
<b>Vapour Pressure:</b>	Not determined
<b>Vapour Density:</b>	Not determined
<b>SECTION 10 - STABILITY AND REACTIVITY</b>	
<b>Chemical Stability:</b>	Stable under normal conditions of use.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Not applicable.
<b>Incompatibility With Other Materials:</b>	None
<b>SECTION 11 - TOXICITY INFORMATION</b>	
<b>Components:</b>	Contains surfactants that may cause mild irritation to eyes and skin of some individuals.
<b>Toxicity:</b>	Oral LD 50 (rat) : > 0.6 g/kg
<b>SECTION 12 - ECOLOGICAL INFORMATION</b>	
<b>Environmental Fate and Distribution:</b>	It is soluble in water and does not bio-accumulate.
<b>Persistence and Degradation:</b>	Product degrades readily by action of microorganism.
<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>	
<b>Disposal:</b>	Dispose in an approved waste facility according to local regulations.
<b>General Recommendations:</b>	Of the methods of disposal currently available, 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.
<b>SECTION 14 - TRANSPORT INFORMATION</b>	
This material is non-regulated and no special requirement is necessary.	
<b>SECTION 15 - REGULATORY INFORMATION</b>	
<b>Classification:</b>	This product has not been allocated any classification.
<b>Ozone Depleting Chemicals:</b>	No regulated ingredients.
<b>SECTION 16 - OTHER INFORMATION</b>	
<b>Hazard Rating:</b>	HMIS (Hazardous Materials Information System)
<b>HEALTH:</b>	0
<b>FLAMMABILITY:</b>	0
<b>REACTIVITY:</b>	0
0=Minimal, 1=Slight, 2=Moderate, 3= Serious, 4=Extreme	

**NOTICE:** MSDS 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.