

MATERIAL SAFETY DATA SHEET

ODORITE INTERNATIONAL, INC.

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I. IDENTIFICATION

Product Name: **URINAL CAKE – ALL TYPES**
Product Class: Aromatic Chlorohydrocarbon

HAZARD RATING:

0 = Least	H (HEALTH):	= 2
1 = Slight	F (FLAMMABILITY):	= 2
2 = Moderate	R (REACTIVITY):	= 0
3 = High	PERSONAL PROTECTION	= H
4 = Extreme		

II. HAZARDOUS INGREDIENTS

CHEMICAL		
Para-Dichlorobenzene (Cas #106-46-7)	99.6%	PEL/TWA 8 Hr 75 ppm OSHA TLV/TWA 8 Hr 75 ppm STEL 110 ppm ACGIH

III. PHYSICAL/CHEMICAL DATA

Boiling point: (degrees F) 345 degrees F.
Melting point: 127 degrees F.
SP.G(Water=1) 1.458 @ 68 degrees F.
Color and odor: White crystalline solid or clear liquid, penetrating "mothball" odor
Vapor pressure(mm HG): 0.6 @ 68 degrees F.
Solubility in water: 0.008% by weight @ 77 degrees F.
Vapor density (AIR = 1): 5.1
PH: Neutral
Cas #: 000106-46-7

IV. FIRE AND EXPLOSION HAZARD

Flash Point (Method) : 150 degrees F. (COC)
Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical or any Class B extinguishing agent
Explosion Hazards: Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.
Unusual Fire or
Special Fire Fighting: Firefighters must wear NIOSH/MSHA approved, self-contained pressure Demand breathing apparatus and full protective clothing.

V. REACTIVITY

STABILITY:	Stable under ordinary conditions of handling and storage.
INCOMPATIBILITY:	Avoid contact with strong oxidizing agents, open flames, hot glowing surfaces or electric arcs.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, soot, smoke, Chlorides, chlorine and possible traces of phosgene combustion.
HAZARDOUS POLMERIZATION:	Will not occur.

VI. HEALTH HAZARDS

ROUTES OF ENTRY:	
EYES:	Contact of solid particles of Paradichlorobenzene with eyes can cause severe irritation and pain. Eye irritation (rabbit): (24 hr) 13.7 on a scale of 110.
INHALATION:	Inhalation of product in excess of the TLV can cause depression of the central nervous system. Effects of overexposure include: headache, dizziness, eye, nose and throat irritation, swelling around the eyes, nausea, feeling of drunkenness, unconsciousness and even death in confined or poorly ventilated areas. Cardiac sensitization leading to ventricular fibrillation, may occur in some individuals.
SKIN:	Irritating to skin Dermal LD (50) (rabbit): >5010 mg/kg, practically non toxic. Skin irritation (rabbit): (24 hr) 1.0 on a scale of 8.0. Slightly irritating, causes a burning sensation when held in close contact with the skin. Damage to the skin is minimal.
INGESTION:	Accidental ingestion of large amounts of Paradichlorobenzene can cause illness. Effects of overexposure include headache, dizziness, throat irritation, nausea, feeling of drunkenness, unconsciousness or death. Oral LD (50) (rates): 1860 mg/kg slightly toxic. Has been reported to cause jaundice and liver injury in humans. Reference (1) Section IX. Liver and kidney damage has been found in laboratory feeding studies utilizing laboratory animals.

VII. FIRST AID

EYE CONTACT:	Flush eyes immediately with large quantities of water for at least 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface. Get medical attention.
SKIN CONTACT:	Wash affected area with soap and water. Remove and launder contaminated clothing before reuse. If irritation or discomfort occurs, get medical attention.

INGESTION: If conscious, drink large quantities of water. **DO NOT INDUCE VOMITING.** Call physician or Poison Control Center. If vomiting occurs, keep head below hips to prevent aspiration.

INHALATION: Remove from the exposure to fresh air. If breathing has stopped, give artificial respiration, preferably mouth to mouth. If breathing is difficult, administer oxygen by qualified person. Get medical attention.

VIII. SPILLS, CLEAN-UP AND STORAGE

SPILLS & CLEAN-UP: Remove all ignition sources. Shut off leak if without risk. If necessary to enter spill area, wear self-contained breathing apparatus and full protective clothing. Dike area and allow material to solidify. Scrape and shovel material and place in closed containers for recovery or disposal. Keep out of watersheds and waterways.

STORAGE: Store in a cool, dry, ventilated area away from any heat source.

WASTE DISPOSAL METHOD: Dispose of waste in an approved facility in accordance with applicable federal, state, and local regulations. Waste has RCRA Hazardous Waste Number U072 Clean Water Act- RQ 0 100 lbs.

IX. SPECIAL PROTECTION

EYE PROTECTION: Wear chemical safety goggles.

SKIN: Wear impervious gloves viron, nitrile, PVA (limited service, dissolves in water) and protective clothing if necessary to prevent skin contact. Remove contaminated clothing and footwear and wash before reuse.

ADDITIONAL PROTECTION: Wash with soap and water before eating, drinking, smoking or using toilet facilities. Safety shower, eye bath, and washing facilities should be available.

RESPIRATORY PROTECTION: For vapor concentration above PEL/TLV and up to 1000 ppm, use any powered air purifying respirator with organic vapor cartridges, including a dust/mist filter if appropriate. For alternates at this concentration and recommendations for higher concentrations see Ref (2) Sec.IX.

VENTILATION REQUIRED: Provide good ventilation to control exposure levels below the recommended TLV. Local exhaust ventilation is preferred.

X. SPECIAL PROTECTION

EYE PROTECTION: Generally none required during normal use and handling. however exposure to eyes is not recommended.

ENVIRONMENTAL ISSUES: It has been determined that this product is safe when used as directed and for intended purposes.

MATERIAL SAFETY DATA SHEET PREPARED BY: ODORITE INTERNATIONAL, INC.

DATE: January 1, 2006

DISCLAIMER:

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