

MATERIAL SAFETY DATA SHEET

CHEMCO INDUSTRIES, INC.
5731 Manchester Ave., St. Louis, MO 63110



DATE OF ISSUE: January 05, 2006

GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236

I-PRODUCT IDENTIFICATION

URINAL BLOCKS/DEODORANT BLOCKS

PRODUCT CODE: #253

CHEMICAL FORMULATION: DEODORIZED BLOCK

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:

HAZARD RATING: 4-Extreme; 3-High; 2-Moderate; 1-Slight; 0-Insignificant

II-HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TLV	OSHA PEL/TWA	OTHER RECOMMENDED LIMITS	% OPTIONAL
(PARA-DICHLOROBENZENE) PARA DEODORANT BLOCK CHLORINATED BENZENE CAS 106-46-7 C6H4Cl					

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40CFR 372).

III-PHYSICAL DATA

BOILING POINT(760mm): 175°C	MELTING POINT: N/A
VAPOR PRESURE (mm Hg): 0.6mm	SPECIFIC GRAVITY (WATER=1): 1.458
VAPOR DENSITY (AIR=1): 5.08	VOLITILE BY VOLUME: N/A
SOLUBILITY IN WATER: 20°C NEGLIGIBLE / 0.069%	EVAPORATION RATE (Butyl Acetate=1):[1
	pH: N/A
APPEARANCE AND ODOR: WHITE CRYSTALS – ODOR OF MOTH BALLS	

IV-FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): C.C. 150°F

FLAMMABLE LIMITS: N/A LEL: UEL: N/D

EXTINGUISHING MEDIA: WATER, FOAM, CO₂, OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: RESPIRATORY PROTECTION WHEN FIGHTING FIRES WHERE EXPOSURE TO VAPORS OR GASES IS POSSIBLE.

UNUSUAL FIRE AND EXPLOSION HAZARD: HIGHLY TOXIC GASES (CHLORIDES AND CHLORINE) CAN BE EVOLVED IN FIRES OF THIS PRODUCT.

PRODUCT NAME: URINAL BLOCKS/DEODORANT BLOCKS

PRODUCT CODE: #253

V-REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: STRONG OXIDIZING AGENTS

CONDITIONS TO AVOID:

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO₂, SMOKE, SOOT, CHLORIDES AND CHLORINE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN

VI-HEALTH AND HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC)

75 ppm IN AIR; 450mg. Per cubic meter in air. OSHA PEL/TWA ACG1H

ROUTES OF ENTRY: INHALATION: SKIN: INGESTION:

CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?

EFFECTS OF OVEREXPOSURE

IF IN EYES: EYE IRRITANT

IF ON SKIN: SKIN IRRITANT

IF SWALLOWED: LOSS OF CONSCIOUSNESS, CYANOSIS AND IRREGULAR PULSE. ORAL LD₅₀ 180mg/kg

IF INHALED:

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: WASH WITH LARGE AMOUNT OF WATER

IF ON SKIN: WASH CONTACT AREA WITH LARGE AMOUNTS OF WATER AND SOAP

IF SWALLOWED: REFER TO PHYSICIAN

IF INHALED:

VII-SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: SCRAPE UP OR ABSORB ON CLAY, SAWDUST OR OTHER ABSORBANT MATERIAL OR DRUM AND DISPOSE OF IN APPROVED CHEMICAL LANDFILL IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS

WASTE DISPOSAL METHOD: BURY IN CHEMICAL LANDFILL

VIII – SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST: YES-FOR VAPORS & DUST
MECHANICAL (GENERAL): N/A SPECIAL: N/A

RESPIRATORY PROTECTION: BUREAU OF MINES APPROVED RESPIRATOR FOR ORGANIC VAPORS

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE NEAR STRONG OXIDIZING AGENTS. AVOID SKIN AND EYE CONTACT. AVOID INHALATION OF DUSTS OR VAPORS

WORK/HYGIENIC PRACTICES: N/A

REVISION DATE: January 05, 2006

Prepared By:

DATE OF ISSUE: January 05, 2006

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Chemco Industries assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material.