

MATERIAL SAFETY DATA SHEET

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CHEMTEL—24 Hour Emergency Response (800) 255-3924TRADE NAME: **BlueSeal®**

CHEMICAL OR COMMON NAME:

Urinal Odor Trap

HAZARDOUS COMPONENTS

MATERIAL	CAS #	LD50	LC50
Tridecyl Alcohol-10-30%	#68526-86-3	N/AV	N/AV
Dimethyl Benzyl Ammonium Chloride-1-5%	#68424-85-1	426mg/kg	N/AV

PHYSICAL DATA

BOILING PT (Degrees F): >400	FREEZE PT (Degrees F): < -60
SPECIFIC GRAVITY: 0.84	SOLUBILITY IN WATER: Slightly miscible
APPEARANCE: Blue Liquid	VOLATILES (% by WT.): 98
PERCENT ACTIVE: 100	VAPOR DENSITY (AIR=1): >1
VAPOR PRESSURE (@ 100 Degrees F): <0.1 mm Hg	ODOR: Berry
EVAPORATION RATE (BUTYL ACETATE=1): <0.1	pH: 8 ± 0.5

*** < means less than; > means more than

***These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (Degrees F --PMCC): >200 AUTOIGNITION TEMP (Degrees F): No Data
 FLAMMABLE LIMITS IN AIR Volume %: Not Flammable or combustible by WHMIS criteria.
 HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon, ammonia, hydrogen chloride
 EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CO₂, DRY CHEMICAL. Product will float and can re-ignite on surface of water.
 SPECIAL FIREFIGHTING PROCEDURES: Evacuate non-essential people. Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers exposed to intense heat from fires should be cooled with water fog to prevent vapor pressure buildup, which could result in container rupture.

NFPA HAZARD RATING

Health (blue): 1	Flammability (red): 1	Reactivity (yellow): 0
Least - 0	Slight - 1 Moderate - 2 High - 3	Extreme - 4

HEALTH HAZARD DATA

***It is important to determine whether exposure is to concentrated or diluted product. The information included in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

PRINCIPLE ROUTES OF EXPOSURE: Eyes, skin contact, ingestion, inhalation.

CONTACT WITH EYES: Irritating, and causes further irritation if not removed promptly.

CONTACT WITH SKIN: Prolonged or repeated liquid contact may result in drying of the skin, which may result in skin irritation.

INHALATION: Negligible hazard at ambient temperature (0 to 100°F).

INGESTION: Ingestion of product may result in vomiting.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with plenty of water for at least 15 minutes. Get medical attention if problem persists.

SKIN: Flush skin with water.

INHALATION: If discomfort is experienced, remove to fresh air. If breathing is difficult, give oxygen and call physician.

INGESTION: DO NOT INDUCE VOMITING. Get medical attention immediately.

TOXICITY DATA

SUSPECTED CANCER AGENT: NO

OSHA REGULATED: NO

PROPOSITION 65: NO

NTP & IARC: NO

Reproductive Toxicity: N/AV

Mutagenicity: N/AV

Teratogenicity: N/AV

ACGIH: TLV not established

REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: Heat, temperature extremes, flames, ignition sources.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SPILL OR LEAK PROCEDURES

WARNING: COMBUSTIBLE if heated to high temperatures: Eliminate all ignition sources over 200 F.

LARGE SPILLS: (Over 55 gallons) Eliminate all ignition sources and evacuate the hazard area of non-essential personnel. Wear appropriate protective clothing and rubber boots. Shut off source of leak if safe to do so. Dike and contain. Pump/vacuum/scoop to non-leaking salvage drum or container for disposal.

SMALL SPILLS: Mop up and rinse area.

WASTE DISPOSAL METHOD: Dispose of wastes in accordance with federal, state and local regulations.

SPECIAL PROTECTION INFORMATION

VENTILATION AND ENGINEERING CONTROLS: BlueSeal® is not normally sprayed or misted. However, if sprayed in confined areas provide adequate local exhaust ventilation to lower the concentration of mists, vapors, or sprayed material.

RESPIRATORY PROTECTION: For an excess of mists and sprayed material, use NIOSH approved respirator.

PROTECTIVE GLOVES: Use of rubber gloves will decrease skin dryness and coating of the skin.

EYE PROTECTION: Chemical splash glasses may be used if there is risk of sprayed product coming into contact with eyes.

SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: CAUTION: **KEEP OUT OF REACH OF CHILDREN**

Do not get in eyes, on skin or on clothing. Do not take internally. Avoid breathing vapors. Inhalation hazard negligible.

D.O.T. INFORMATION: This product **IS NOT** D.O.T. Regulated.

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