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MATERIAL SAFETY DATA SHEET

SECTION I • PRODUCT IDENTIFICATION

CATALOG NUMBER (S)	1431-31, 1432-31, 1431-32, 1432-32	EMERGENCY TELEPHONE NUMBER	800 624-8380
CHEMICAL NAME AND SYNONYMS	Human urine	DATE PREPARED/REVISED	11/24/04 REVISION # 06
TRADE NAME AND SYNONYMS	Human Urine Control		
CHEMICAL FAMILY	Quality Control Materials		

SECTION II • COMPOSITION / HAZARDOUS INGREDIENTS

This product does not contain any ingredients which have been determined to be health hazards pursuant to Federal OSHA and which comprise 1% or more (0.1% or more for carcinogens) of the mixture.

CHEMICAL NAMES	CAS NUMBER	PERCENT	EXPOSURE LIMITS IN AIR		
			ACGIH (TLV)	OSHA (PEL)	OTHER
5-Chloro-2-Methyl-4-Isothiazolin	26172-55-4	0.15%			
2-Methyl-4-Isothiazolin	2682-20-4	0.15%			

NFPA Rating Index	Health	Flammability	Reactivity	Special Precautions
Health (Blue) 1 = Caution May be irritating Reactivity (Yellow) 0 = Stable Not reactive when mixed with water	1	0	0	none

SECTION III • PHYSICAL PROPERTIES

BOILING POINT OR RANGE (F)	N/A	MELTING POINT OR RANGE (F)	N/A
SPECIFIC GRAVITY (H ₂ O=1)	N/A	SOLUBILITY IN WATER	N/A
VAPOR PRESSURE (mmHg)	N/A	VAPOR DENSITY (AIR=1)	N/A
PERCENT, VOLATILE BY VOLUME (%)	N/A	EVAPORATION RATE (_____ = 1)	N/A

APPEARANCE AND ODOR
Amber yellow odorless liquid

HOW TO DETECT THIS SUBSTANCE*
No unusual warning properties

*WARNING PROPERTIES OF SUBSTANCE AS A GAS, VAPOR, DUST OR MIST • ODOR IS NOT AN ADEQUATE WARNING OF INHALATION HAZARD • SKIN IRRITATION IS NOT AN ADEQUATE WARNING OF ABSORPTION THROUGH THE SKIN

SECTION IV • FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	N/A	FLAMMABLE LIMITS IN AIR, VOLUME (%)	LOWER	UPPER
AUTOIGNITION TEMPERATURE (F)	N/A	N/A	N/A	N/A
FIRE EXTINGUISHING MATERIALS	Use fire extinguishing material appropriate for surrounding fire			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V • HEALTH HAZARD DATA

SYMPTOMS OF OVEREXPOSURE	No vapor hazard. Irritation of the skin may occur upon contact.
ACUTE HEALTH EFFECTS OR RISKS FROM EXPOSURE	Irritation of skin or eyes may be experienced.
CHRONIC HEALTH EFFECTS OR RISKS FROM EXPOSURE	Long term effects are not likely if product is used as directed.
FIRST AID: EMERGENCY PROCEDURES	Remove contaminated clothing. Wash affected skin areas with soap and water. Flush skin and eyes with water for at least 15 minutes. If swallowed, rinse mouth with water. Call physician or poison control center.
SUSPECTED CANCER AGENT ?	No
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known
RECOMMENDATIONS TO PHYSICIAN	Treat symptoms

SECTION VI • REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (<i>Materials to avoid</i>)	None		
HAZARDOUS DECOMPOSITION PRODUCTS	None		
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII • SPILL, LEAKAGE AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURES	Wear protective clothing and gloves. Absorb spilled liquid with appropriate materials. Rinse area with soap and water solution. Disinfect with bleach diluted 1:10 with water. Rinse area with water.
WASTE DISPOSAL METHOD	Absorb into inert material or dilute with large quantities of water and pour down sewer.

SECTION VIII • SPECIAL HANDLING INFORMATION

RESPIRATORY PROTECTION (<i>Specify type</i>)	None Required	
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (<i>General</i>)	OTHER
PROTECTIVE GLOVES	Recommended	EYE PROTECTION
OTHER CLOTHING AND EQUIPMENT	Avoid getting into eyes	
OTHER CLOTHING AND EQUIPMENT	Wear Lab coat	
WORK AND HYGIENIC PRACTICES	For In Vitro Diagnostic Use Only. It is recommended that such samples be handled at the Centers for Disease Control's Biosafety Level 2.	
Caution: Contains human urine.		
OTHER HANDLING AND STORAGE REQUIREMENTS	Store and Handle according to package insert directions	
PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT	None other than those indicated above	