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MATERIAL SAFETY DATA SHEET

SECTION I • PRODUCT IDENTIFICATION

CATALOG NUMBER (S)	1440-01, 1440-02, 1440-04, 1442-61	EMERGENCY TELEPHONE NUMBER	800 624-8380
CHEMICAL NAME AND SYNONYMS	Human urine	DATE PREPARED/REVISED	04/11/03 REVISION # 06
TRADE NAME AND SYNONYMS	Urine Dipstick Control Dipper, Dropper, Dropper Plus		
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
Sodium Azide	26628228	0.095%	0.3 mg/m ³		

NFPA Rating Index	Health	Flammability	Reactivity	Special Precautions
Health (Blue) 1 = Caution May be irritating Flammability (Red) 0 = Not combustible 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
FIRE EXTINGUISHING MATERIALS	Use fire extinguishing material appropriate for surrounding fire			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Sodium azide may form metal azides in metal pipes (plumbing) and pose a threat of explosion.			

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		May be fatal if swallowed. 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. Sodium azide can be absorbed through the skin.	
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, induce vomiting. 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 (Materials to avoid)		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 solid or dilute with large quantities of water and pour down sewer.	
SECTION VIII • SPECIAL HANDLING INFORMATION			
RESPIRATORY PROTECTION (Specify type)		None Required	
VENTILATION	LOCAL EXHAUST	N/A	SPECIAL
	MECHANICAL (General)	N/A	OTHER
PROTECTIVE GLOVES		Recommended	EYE PROTECTION Recommended 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.	
OTHER HANDLING AND STORAGE REQUIREMENTS		Store and Handle according to package insert directions	
Caution: Contains human urine. Dipper Control (Level 1) Cat #1440-01 and Dropper Control (Level 1) Cat #1440-02 and Dropper Plus Control (Level 1) Cat #1440-04 contain human chorionic gonadotropin from pregnancy urine. The human chorionic gonadotropin used in the manufacture of this product have been tested and found nonreactive for Hepatitis C, Hepatitis B surface antigen and HIV 1 & 2 antibody when tested by FDA accepted methods. No known test method can assure that a product derived from human blood does not contain Hepatitis or HIV virus. Handle as if potentially infectious.			
PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT		None other than those indicated above	