



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Test L - Brown Heroin Test		DATE: October 13, 2008	
PRODUCT NUMBER(S): 6081			
TRADE NAME: Test L - Brown Heroin Test GENERAL USE: Heroin Testing CHEMICAL FAMILY: Inorganic Acid Solution PRODUCT DESCRIPTION: Clear colorless and odorless.			
MANUFACTURED FOR: Safariland LLC		DATE PREPARED: October 13, 2008 SUPERSEDES: April 15, 2008	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway (CITY, STATE AND ZIP CODE) Jacksonville, FL 32218		TELEPHONE NUMBER FOR INFORMATION / Customer Service 904-741-5400	
COUNTRY USA		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0585 North America Toll Free International	

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Selenious Acid (2nd ampoule)	<1	7783-00-8	231-974-7	(+T)	None
Sulfuric Acid (2nd ampoule)	>95	7664-93-9	231-639-5	(+C)	R35
Formaldehyde 37% (2nd Ampoule)	<1	50-00-0	200-001-8	(+Xn)	R40, R43
Sulfuric Acid (1st ampoule)	>95	7664-93-9	231-639-5	(+C)	R35

Notes: Hazard symbols and risk phrases based on maximum listed concentration of each hazardous ingredient.
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
Highly corrosive liquid. Both liquid and vapors can cause serious damage to tissues. Avoid strong bases and organic compounds. Formaldehyde is toxic to the liver, kidneys, and eyes.	
POTENTIAL HEALTH EFFECTS	
INHALATION: Inhalation of vapors may cause severe respiratory irritation, headache, and nausea. Chronic exposure may cause respiratory damage.	
SKIN: Product is highly corrosive, and may seriously burn skin. Use proper gloves and clothing while working with product. Third degree burns can occur, with permanent scarring.	
EYES: Liquid or vapor may cause severe burns and ulcerations. Use safety glasses; use of a face shield is advisable. Product can cause irreversible damage to eyes.	
INGESTION: Product is highly corrosive; ingestion can lead to severe injury, including death. Serious burning of stomach, esophageal tract, throat, and mouth may occur. Damage may be irreversible. Extreme pain will occur. Ingestion of formaldehyde may lead to blindness, liver and kidney failure, and death.	
CARCINOGENICITY:	
NTP? Yes - Formaldehyde	IARC MONOGRAPHS? Yes - Formaldehyde
CALIFORNIA, Prop.65? Yes - Formaldehyde	OSHA REGULATED? Yes - Formaldehyde
	ESIS? Yes - Formaldehyde

SECTION 4 - FIRST AID MEASURES

INHALATION: Place victim in well-ventilated area. If victim is not breathing, perform artificial respiration. Seek immediate medical attention.
EYES: Material can cause severe eye irritation and burns. Flush eyes with a large quantity of water for a minimum of 15 minutes, then seek immediate medical attention. Do not medicate with "over-the-counter" eye products.
SKIN: Product is corrosive and will damage skin and tissues. Use of appropriate gloves and thorough hand-washing with hand cleanser is required. Remove contaminated clothing and rinse thoroughly. If skin is damaged or severely irritated, seek medical help. Safety Showers are highly recommended for use of this product.
INGESTION: Product is highly corrosive; ingestion can lead to severe injury, including death. If victim is able to swallow, give water, then seek immediate medical help.

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SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Material is non-flammable, but heated material can generate corrosive vapors and toxic fumes.

EXTINGUISHING MEDIA:

N/A - product is non-flammable.

FIRE FIGHTING PROCEDURES:

Water may be used to dilute and cool product to reduce the risk of toxic and corrosive vapors. Self-contained breathing apparatus is required.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Toxic and corrosive fumes and/or vapors may form. Self-contained breathing apparatus is required. Decontamination of fire-fighting gear may be needed.

HAZARDOUS COMBUSTION PRODUCTS:

May produce fumes containing selenium compounds, which are highly toxic. Self-contained breathing apparatus is required for fire-fighting purposes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

AVOID BREATHING VAPORS. DO NOT ADD WATER TO SPILL!!! Sequester leak or spill. Use sand or kaolin to absorb spill. Do not discharge into waterways or sewer systems.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in cool, dry, place. Avoid moisture.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m ³	STEL ppm	STEL mg/m ³	TLV/TWA ppm	TWA mg/m ³	STEL ppm	STEL mg/m ³
Selenious Acid (2nd ampoule)	MAK: (respirable fraction) 0.05 mg/m³				0.2			
Sulfuric Acid (2nd ampoule)		1			0.2			1
Formaldehyde 37% (2nd Ampoule)						0.5		5
Sulfuric Acid (1st ampoule)		1			0.2			1

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Generally not needed, as ampoules are small and used immediately. Use approved NIOSH respirator if TLV levels are exceeded.

PROTECTIVE GLOVES:

Wear protective gloves while working with product.

EYE PROTECTION:

Chemical goggles are required to prevent potential eye contact, irritation or injury.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear appropriate protective clothing and boots as required to prevent skin contact.

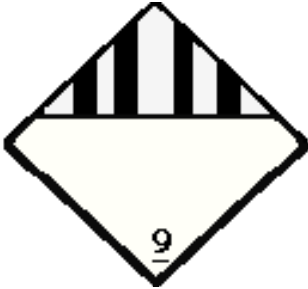
WORK / HYGIENIC PRACTICES:

Use good industrial hygiene.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear colorless and odorless.	VAPOR PRESSURE NE
pH <1.0	SPECIFIC GRAVITY (WATER = 1) ~1.7-1.8 (sulfuric acid)
BOILING POINT / BOILING RANGE N/D	SOLUBILITY IN WATER Complete
FLASH POINT None	VISCOSITY N/D
FLAMMABLE LIMITS LEL: N/D UEL: N/D	VAPOR DENSITY (AIR = 1) ~3.4 for sulfuric acid
AUTO-IGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) N/D

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SECTION 10 - STABILITY AND REACTIVITY			
STABILITY	STABLE	X	CONDITIONS TO AVOID: Extreme Heat (above 120°F)
INCOMPATIBILITY (MATERIALS TO AVOID): Alkalis, metals, halogenated salts (fluorides, chlorides, bromides, iodides, chlorates, perchlorates, etc.), organic compounds, water (will generate heat).			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Selenium compounds, sulfur compounds			
HAZARDOUS POLYMERIZATION: Will Not Occur.		CONDITIONS TO AVOID: None Related to Polymerization.	
SECTION 11 - TOXICOLOGICAL INFORMATION			
Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Selenious Acid (2nd ampoule)	7783-00-8 231-974-7	11 mg/kg (INTRAVENOUS, MOUSE)	NR
Sulfuric Acid (2nd ampoule)	7664-93-9 231-639-5	350 mg/kg (ORAL, RAT)	320 mg/m3 / 2 Hours (INHALATION, MOUSE)
Formaldehyde 37% (2nd Ampoule)	50-00-0 200-001-8	100 mg/kg (ORAL, RAT)	203 mg/m3 / Unknown Time (INHALATION, MOUSE)
Sulfuric Acid (1st ampoule)	7664-93-9 231-639-5	350 mg/kg (ORAL, RAT)	320 mg/m3 / 2 Hours (INHALATION, MOUSE)
SECTION 12 - ECOLOGICAL INFORMATION			
Toxic to aquatic organisms.			
SECTION 13 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Do not dispose into waterways or sewers. Waste may be considered hazardous; the user has the responsibility of compliance with federal, state, and local regulations concerning waste disposal. Obey federal, state, and local laws regarding storage of flammable wastes.			
SECTION 14 - TRANSPORT INFORMATION			
PROPER SHIPPING NAME: Chemical Kit (Contains Formaldehyde, Sulfuric Acid), UN 3316			
DOT HAZARD CLASS / Pack Group: 9 / III		IMDG HAZARD CLASS: 9	
REFERENCE:		RID/ADR Dangerous Goods Code: C6	
UN / NA IDENTIFICATION NUMBER: 3316		UN TDG Class / Pack Group: 9 (Pack Group III)	
LABEL: Other Material (9)		Hazard Identification Number (HIN): 90	
HAZARD SYMBOLS:		IATA HAZARD CLASS / Pack Group: 9 / Group III	
			
<p>Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.</p>			

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SECTION 15 - REGULATORY INFORMATION			
TSCA (USA - Toxic Substance Control Act): Yes		SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): Yes - 302 and 313 (Selenious Acid) 302 and 313 (Sulfuric Acid)	
Acute Health: Yes	Chronic Health: Yes	Fire: No	Sudden Release of Pressure: No
Reactive: Yes			
313 REPORTABLE INGREDIENTS:		This material contains Formaldehyde, Sulfuric Acid, and Selenious Acid, which are subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.	
CERCLA (USA - Comprehensive Response Compensation and Liability Act): Yes - All ingredients		California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: Yes - Formaldehyde	
CCPR (Canadian Controlled Products Regulations): Yes - Corrosive (Section 65, Class E)		CIDL (Canadian Ingredient Disclosure List): Yes - Selenious Acid, Sulfuric Acid, Formaldehyde	
CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Referenced on CDSL		EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced.	
WGK Water Quality Index: 2			
RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:	
R35 : Causes severe burns. R40 : Limited evidence of carcinogenic effect. R43 : May cause sensitization by skin contact.	 (+C) - CORROSIVE	S1/2 : Keep locked up and out of the reach of children. S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S30 : Never add water to this product. S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	
SECTION 16 - OTHER INFORMATION			
Legend:			
N/A = Not Applicable		N/E = Not Established	
N/D = Not Determined		N/R = Not Reported	
HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	3 0 3 C	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
REVISION SUMMARY:			
Revised 13 October 2008 for GHS purposes, Supersedes document from 15 April 2008. LB			
MSDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com			
<p>The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.</p>			