



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Test T		DATE: April 20, 2012	
PRODUCT NUMBER(S): 800-6091 (1006169)			
TRADE NAME: Test T GENERAL USE: Suspect Drug test CHEMICAL FAMILY: Cobalt(II)Salt, Alkali PRODUCT DESCRIPTION: 1st Ampoule – clear and colorless. 2nd Ampoule – pink liquid			
MANUFACTURED FOR: Safariland, LLC		DATE PREPARED: April 20, 2012	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway		SUPERSEDES: August 1, 2011	
(CITY, STATE AND ZIP CODE) Jacksonville, FL 32218		TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200	
COUNTRY USA		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0585 North America Toll Free International	

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 Ampoule 1 - may irritate skin. Liquid has soapy feel that may result in the peeling of skin. Effects may be delayed. Ampoule 2 - harmful if swallowed.

POTENTIAL HEALTH EFFECTS

INHALATION:
 Unlikely source of exposure. Contents of ampoule 1 may irritate respiratory tract and cause ulcerations of mucosal membranes.

SKIN:
 Irritation by direct contact. Delayed onset is possible; skin may loosen and peel off upon exposure to ampoule 1 contents.

EYES:
 Irritation of eyes, corneal burns are possible with exposure to Ampoule 1 contents

INGESTION:
 Irritation and ulceration of the gastrointestinal tract upon exposure to ampoule 1. Vomiting and diarrhea are also symptoms.

CARCINOGENICITY:
 NTP? **No** IARC MONOGRAPHS? **No** OSHA REGULATED? **No**
 CALIFORNIA, Prop.65? **No**

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Sodium Hydroxide, 1st Ampoule	<0.5%	1310-73-2	215-185-5	None	None
Water, 1st and 2nd Ampoules	>90%	7732-18-5	231-791-2	None	None
Cobalt (II) Thiocyanate, 2nd Ampoule	1-5%	3017-60-5	221-156-8	Xn, N	R20/21/22, R50/53

SECTION 4 - FIRST AID MEASURES

INHALATION:
 Remove to fresh air, apply CPR if victim is unconscious, administer oxygen, seek immediate medical attention.

EYES:
 In case of contact, immediately flush eyes with plenty of water for at least 5 minutes, then remove contact lenses if present, then continue rinsing eyes for an additional 10 minutes, lifting eyelids to ensure complete rinsing. Seek immediate medical attention.

SKIN:
 In case of contact, immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Seek medical attention for serious exposures.

INGESTION:
 If swallowed, do not induce vomiting. If conscious and able to swallow, give water to dilute contents. Contact Poison Control or emergency medical help immediately.

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SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Cobalt Thiocyanate may emit toxic cyanide and cobalt fumes in a fire.

EXTINGUISHING MEDIA:
Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES:
None applicable, not flammable.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Cobalt Thiocyanate may emit toxic cyanide and cobalt fumes in a fire.

HAZARDOUS COMBUSTION PRODUCTS:
Hydrogen Cyanide gas, Carbon oxides from packaging

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
For an individual ampoule that has spilled, wipe up and discard, then rinse area with water. Wear gloves while cleaning up spills. For large quantities, use absorbent to collect spill, then discard as hazardous waste. Rinse area with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Store and handle according to packaged instructions. Store in cool, well ventilated area. Keep away from reactive materials. Do not drink, eat, or smoke while handling materials. Keep out of the reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH			ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	TWA ppm
Sodium Hydroxide(a)	NE	2 Ceiling	NE	NE	NE	2 Ceiling	NE
Water	NE	NE	NE	NE	NE	NE	NE
Cobalt (II) Thiocyanate	NE	NE	NE	NE	NE	0.02	NE

(a) - 2 mg/m3 peak limit within Australia.

PERSONAL PROTECTION

RESPIRATORY PROTECTION:
Not normally required.

PROTECTIVE GLOVES:
Impervious gloves (nitrile) suggested to avoid skin contact.

EYE PROTECTION:
Do not get in eyes; wear safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
Eye wash should be available.

WORK / HYGIENIC PRACTICES:
Wash thoroughly after handling. Follow handling procedures in Section 7.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR 1st Ampoule – clear and colorless. 2nd Ampoule – pink liquid	VAPOR PRESSURE Approximately equal to water.
VOC NE Volatility NE	SPECIFIC GRAVITY (WATER = 1) ~1
BOILING POINT / BOILING RANGE 100°C / 212°F	SOLUBILITY IN WATER Soluble
FLASH POINT None - not flammable	VISCOSITY None
FLAMMABLE LIMITS LEL: None UEL: None	VAPOR DENSITY (AIR = 1) None
AUTO-IGNITION TEMPERATURE None - not flammable	EVAPORATION RATE BUTYL ACETATE = 1) None

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SECTION 10 - STABILITY AND REACTIVITY			
STABILITY: STABLE Stable under normal conditions.		CONDITIONS TO AVOID: Excessive heat, contact with incompatible materials.	
INCOMPATIBILITY (MATERIALS TO AVOID): Strong Acids			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Hydrogen Cyanide gas upon exposure to strong mineral acids.			
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)
Sodium Hydroxide	1310-73-2	NE	NE
	215-185-2		
Water	7732-18-5	Oral, rat: LD50 > 90 ml/kg.	NE
	231-791-2		
Cobalt Thiocyanate	3017-60-5	NE	NE
	221-156-8		
SECTION 12 - ECOLOGICAL INFORMATION			
Cobalt thiocyanate. Poses some hazards to aquatic environments; do not discard ampoules into bodies of water.			
SECTION 13 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.			
SECTION 14 - TRANSPORT INFORMATION			
PROPER SHIPPING NAME: Not regulated			
DOT HAZARD CLASS / Pack Group: None	REFERENCE: 49CFR	IATA HAZARD CLASS / Pack Group: None	IMDG HAZARD CLASS: None
UN / NA IDENTIFICATION NUMBER: None	LABEL: None	RID/ADR Dangerous Goods Code: None	UN TDG Class / Pack Group: None
HAZARD SYMBOLS: None		Hazard Identification Number (HIN): None	
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.			
SECTION 15 - REGULATORY INFORMATION			
TSCA (USA - Toxic Substance Control Act):		Ingredients are listed.	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):			
Acute Health: Yes	Chronic Health: Yes	Sudden Release of Pressure: No	
Fire: No			
Reactive: No			
313 REPORTABLE INGREDIENTS: This material contains Cobalt II Thiocyanate (CAS#,3017-60-5 1%) which is 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):		No	
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:		No	


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SECTION 15 - REGULATORY INFORMATION (Continued)

State Right to Know: **Cobalt II Thiocyanate: NJ, PA; Sodium Hydroxide: ILL, MA, NJ, PA, RI**
 CCPR (Canadian Controlled Products Regulations): **WHMIS Class D2B -Materials Causing Other toxic Effects (Irritant).**
 CIDL (Canadian Ingredient Disclosure List): **Components listed as required by the CIDL.**
 CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Listed on DSL or NDSL.**
 EINECS (European Inventory of Existing Commercial Chemical Substances): **Referenced.**

WGK Water Quality Index: **2**

EC RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	EC SAFETY PHRASES:
R22 - Harmful if swallowed. R36/37/38 - Irritating to eye, skin, and respiratory system.	 Xn - Harmful	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. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 16 - OTHER INFORMATION

Legend:

NA = Not Applicable	ND = Not Determined	NE = Not Established	NR = Not Reported
HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 0 1 B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME

REVISION SUMMARY:
 Revised 4/20/2012.

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



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.