

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Test O		DATE: April 20, 2012	
PRODUCT NUMBER(S): 800-6090 (1006168)		DATE: April 20, 2012	
TRADE NAME: Test O GENERAL USE: GHB testing CHEMICAL FAMILY: Schwebbes Reagent / Dye Test PRODUCT DESCRIPTION: Reddish orange liquid.			
MANUFACTURED FOR: Safariland LLC		DATE PREPARED: April 20, 2012	
		SUPERSEDES: August 1, 2011	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway		TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200	
(CITY, STATE AND ZIP CODE) Jacksonville, FL 32218		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER	
COUNTRY USA			
		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)
Water	45-55	7732-18-5	231-791-2	None	None
Ethanol	40-50	64-17-5	200-578-6	F	R11
Aniline HCl	<1	142-04-1	205-519-8	None	None
Dextrose	<1	492-62-6	207-757-8	None	None
Bromocresol Green	<1	76-60-8	200-972-8	None	None
Methyl Orange	<1	547-58-0	208-925-3	None	None

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Notes: Aniline Hydrochloride. Hazard symbols and risk phrases based on maximum listed concentration of each hazardous ingredient.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Irritating liquid. Harmful if inhaled, swallowed, or if in contact with skin. Flammable liquid with flash point below 100°F (39°C).

POTENTIAL HEALTH EFFECTS

INHALATION:
Inhalation of vapors may cause respiratory irritation and nausea. Anesthetic effect may occur at higher concentrations.

SKIN:
Product is irritating and can cause rash or itching. Toxic components of this product may be absorbed through the skin.

EYES:
Liquid or vapor may cause severe irritation. Use safety glasses; use of a face shield is advisable. Product can cause painful conjunctivitis.

INGESTION:
Product is toxic through ingestion, and may cause nausea, diarrhea, vomiting, headache, dizziness, confusion, blue lips or finger nails, and convulsions. The potential for fatal sequelae exists.

CARCINOGENICITY:

NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
CALIFORNIA, Prop.65?	Yes - Aniline HCl	

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. 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:
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.

INGESTION:
If victim is able to swallow, give water, then seek immediate medical help. Do not induce vomiting without medical advice.

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SECTION 5 - FIRE FIGHTING MEASURES								
GENERAL HAZARDS: Material is flammable {Flash point ~75 °F (~23°C)} and heated material can generate toxic vapors.								
EXTINGUISHING MEDIA: Choose media for surrounding fire - any media should be effective against product.								
FIRE FIGHTING PROCEDURES: Water may be used to dilute and cool product to reduce the risk of toxic vapors. Self-contained breathing apparatus is required.								
UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes and/or vapors may form. Self-contained breathing apparatus is required. Decontamination of fire-fighting gear may be needed.								
HAZARDOUS COMBUSTION PRODUCTS: Carbon Oxides, Nitrogen Oxides, chlorinated compounds.								
SECTION 6 - ACCIDENTAL RELEASE MEASURES								
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING VAPORS. Put on gloves and glasses, then use towel to absorb contents of package. The small quantities of a single test aren't environmentally hazardous.								
SECTION 7 - HANDLING AND STORAGE								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in cool, dry, place. Wear gloves and glasses while performing tests.								
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	STEL ppm	STEL mg/m3
Water	NE		NE		NE		NE	
Ethanol	1000	1900			1000		1000	1900
Aniline HCl	NE		NE		2		2	
Dextrose	NE		NE		NE		NE	
Bromocresol Green	NE		NE		NE		NE	
Methyl Orange	NE		NE		NE		NE	
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. Nitrile gloves are a good compromise between protection and allergy concerns.								
EYE PROTECTION: Chemical glasses 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; wash hands after performing tests and do not use product while eating, drinking, or smoking.								
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES								
APPEARANCE AND ODOR Reddish orange liquid.	VAPOR PRESSURE N/D							
pH N/D	SPECIFIC GRAVITY (WATER = 1) N/D							
BOILING POINT / BOILING RANGE N/D	SOLUBILITY IN WATER Complete							
FLASH POINT ~75 °F (~23°C) - Calculated	VISCOSITY N/D							
FLAMMABLE LIMITS LEL: N/D UEL: N/D	VAPOR DENSITY (AIR = 1) N/D							
AUTO-IGNITION TEMPERATURE N/D	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): Strong Acids, Oxidizers.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon oxides, Nitrogen oxides, chlorine 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)
Water	7732-18-5	>90ml/kg (ORAL, RAT)	NR
	231-791-2		
Ethanol	64-17-5	3450 mg/kg (ORAL, MOUSE)	NR
	200-578-6		
Aniline HCl	142-04-1	840 mg/kg (ORAL, RAT)	NR
	205-519-8		
Dextrose	492-62-6	NE	NR
	207-757-8		
Bromocresol Green	76-60-8	NE	NR
	200-972-8		
Methyl Orange	547-58-0	60 mg/kg (ORAL, RAT)	NR
	208-925-3		
SECTION 12 - ECOLOGICAL INFORMATION			
Components of this product are environmentally hazardous; do not dispose in sewers or bodies of water.			
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			
GROUND SHIPMENT WITHIN USA (DOT):			
PROPER SHIPPING NAME:		None - Exempted Qty.	
CLASS/ PACK GROUP/ LABELING:		Class 3 with Excepted Qty. marking on package. No class 3 label required.	
NOTES: When shipped under 49CFR173.4a, This product is exempt from other labeling and waybill requirements.			
GROUND SHIPMENTS TO AND WITHIN CANADA (TDG):			
PROPER SHIPPING NAME:		None - Limited Quantity (within Canada), See above for US to Canada	
CLASS/ PACK GROUP/ LABELING:		Phrase "Ltd. Qty." on package. No additional requirements.	
NOTES: TDG only used for shipment within Canada, shipments from the US can follow DOT regulations. See TDG Sections 1.17 and 9.			
AIR SHIPMENTS (ICAO/IATA):			
PROPER SHIPPING NAME:		None - (Classified under UN1170 Ethanol Solution - Excepted Qty. E2)	
CLASS/ PACK GROUP/ LABELING:		Class 3 with Excepted Qty. marking on package. No class 3 label required.	
NOTES: This product is exempt from other labeling and waybill requirements.			
OCEAN SHIPMENTS (IMDG):			
PROPER SHIPPING NAME:		None	
CLASS/ PACK GROUP/ LABELING:		Class 3 with Excepted Qty. marking on package. No class 3 label required.	
NOTES: Shipping Paper required with statement "Dangerous Goods in Excepted Quantities" and number of packages.			
ALL SHIPMENTS EXCEEDING EXCEPTED QUANTITY / ALTERNATIVE SHIPPING INFORMATION:			
PROPER SHIPPING NAME:		UN 3316, Chemical Kit	
CLASS/ PACK GROUP/ LABELING:		Class 9, Pack Group III. Miscellaneous Label	
NOTES: Full documentation required.			
			
<p>Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, TDG & UN information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.</p> <p>Information above does not account for overpacks or outer packings with multiple hazardous materials; consult shipper when multiple materials are shipped. Consult regulations for maximum outer packaging and overpack requirements</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): **No**

Acute Health: Yes	Chronic Health: Yes
Fire: Yes	Sudden Release of Pressure: No
Reactive: No	

313 REPORTABLE INGREDIENTS:

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **No**
 California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **Warning! This product contains chemicals Known to the State of California to produce cancer. Anilinium chloride.**

CCPR (Canadian Controlled Products Regulations): **B2, D2A, D2B**
 CIDL (Canadian Ingredient Disclosure List): **Yes- Aniline hydrochloride**

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:
R11: Highly Flammable.	 F-FLAMMABLE	S1/2 : Keep locked up and out of the reach of

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:		0 = INSIGNIFICANT
	FLAMMABILITY:	3	1 = SLIGHT
	PHYSICAL HAZARD:	3	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	1	3 = HIGH
		B	4 = EXTREME

REVISION SUMMARY:
 Revised 4/20/2012.

<p>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>	
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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.