



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Test E		DATE: April 6, 2012	
PRODUCT NUMBER(S): 800-6075 (1006153)			
TRADE NAME: Test E – Marijuana Order No. 6075 GENERAL USE: Presumptive Test Kit for THC CHEMICAL FAMILY: Ethanol/Vanillin/Acetaldehyde/HCl PRODUCT DESCRIPTION: 1st Ampoule – Pale yellow, liquid with alcoholic and vanilla odors; 2nd ampoule – Clear fuming liquid acrid with odor (HCl);, 3rd ampoule – Clear liquid with characteristic ethereal odor. (Chloroform).			
MANUFACTURED FOR: Safariland LLC		DATE PREPARED: April 6, 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 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Flammable liquid. Hazardous to health if inhaled, swallowed, or by skin contact.

POTENTIAL HEALTH EFFECTS

INHALATION:
Irritation of throat. Inhalation of acid vapors may be injurious to the lungs and with repeated inhalation chronic irritation/inflammation of nose, throat, and bronchial tubes.

SKIN:
Irritation and or burns by direct contact. Delayed onset contact dermatitis is also possible with chronic repeated exposure to both ampoule 1 and ampoule 3 chemicals.

EYES:
Chronic irritation of eyes, corneal burns are possible with exposure to Hydrochloric Acid (Ampoule 2).

INGESTION:
Severe irritation and ulceration of the gastrointestinal tract. Vomiting and diarrhea are also symptoms.

CARCINOGENICITY:
CAS#67-66-3 (Chloroform) and CAS#75-07-0 (Acetaldehyde) are listed under the NTP (NIOSH), IARC, ESIS (Europe) and Proposition 65 (California) as possible or probable carcinogens.

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Ethanol 1st ampoule	>90	64-17-5	200-578-6	F	R11
Vanillin: 1st ampoule	1-5	121-33-5	204-465-2	None	None
Acetaldehyde: 1st ampoule	NR	75-07-0	200-836-8	F+, Xi, Xn	R12, R36/37, R40
Hydrochloric Acid, 2nd Ampoule	100%	7647-01-0	231-595-7	T, C+, Xi	R23, R35, R37
Chloroform, 3rd Ampoule	100%	67-66-3	200-663-8	Xn, Xi	R22, R38, R40, R48/20/22

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

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 15 minutes. Seek immediate medical attention.

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

INGESTION:
If swallowed, give plenty of water to dilute substances, do not induce vomiting; if conscious, give large quantities of water immediately to dilute the Hydrochloric Acid. If vomiting occurs spontaneously, keep the head below the waist to avoid aspiration.
Call a physician immediately.

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SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Hydrochloric Acid, 2nd Ampoule is highly corrosive to most metals with evolution of flammable Hydrogen gas. Chloroform emits toxic and irritating gases when involved in a fire.

EXTINGUISHING MEDIA:
Use extinguishing media appropriate for surrounding fire and foam, CO₂ or dry chemical for Ethanol in Ampoule 1.

FIRE FIGHTING PROCEDURES:
None applicable, not flammable.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Under fire conditions wearing NIOSH/MSA or European EN-149 approved SCBA's or acid gas=organic vapor respirators is required.

HAZARDOUS COMBUSTION PRODUCTS:
Hydrogen Chloride gas, Phosgene, other organo-halogens, sulfur oxides, and organic vapors.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Wear protective equipment; ventilate area; cover a Hydrochloric Acid spill with sodium carbonate. Add water if necessary to form a slurry. Scoop up slurry. Can use ODV part number 910 soda ash. For Chloroform, eliminate sources of ignition, absorb with vermiculite.

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. Avoid breathing Chloroform vapor and prevent vapor accumulation in enclosed areas.

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
Ethanol 1st ampoule	1000	1900			1000		1000	1900
Vanillin: 1st ampoule	NE			NE		2		NE
Acetaldehyde 1st ampoule	25		2000 IDLH		25 Ceiling		200	360
Hydrochloric Acid, 2nd Ampoule.	2			50 IDLH		2	5	7
Chloroform, 3rd Ampoule.	10			500 IDLH	10		50	240

PERSONAL PROTECTION

RESPIRATORY PROTECTION:
NIOSH/MSA or European EN-149 approved acid gas respirator for a minor Hydrochloric Acid spill clean-up or a NIOSH/MSA or European EN-149 approved organic vapor respirator for minor Chloroform spills.

PROTECTIVE GLOVES:
Impervious gloves (neoprene, nitrile) required when any contact potential with contents exists.

EYE PROTECTION:
Do not get in eyes, wear safety glasses with side shield splash protection or chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
An eye wash fountain and safety shower should be readily available where the potential for contact exists.

WORK / HYGIENIC PRACTICES:
Wash thoroughly after handling. Be prepared to neutralize and absorb spilled acid, and to clean up toxic Chloroform.

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SECTION 14 - TRANSPORT INFORMATION

GROUND SHIPMENT WITHIN USA (DOT):

PROPER SHIPPING NAME: **None - Exempted Qty.**

CLASS/ PACK GROUP/ LABELING: **Class3(8,6.1) with Excepted Qty. marking on package. No class 3, 8 or 6.1 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, UN 1888 Chloroform, UN 1789 Hydrochloric Acid - Overall Excepted Qty. E2)**

CLASS/ PACK GROUP/ LABELING: **Class3(8,6.1) with Excepted Qty. marking on package. No class 3, 8 or 6.1 label required.**

NOTES: **This product is exempt from other labeling and waybill requirements.**

OCEAN SHIPMENTS (IMDG):

PROPER SHIPPING NAME: **None**

CLASS/ PACK GROUP/ LABELING: **Class3(8,6.1) with Excepted Qty. marking on package. No class 3, 8 or 6.1 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.**



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. **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**

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
Fire:	Yes	Sudden Release of Pressure:	No
Reactive:	No		

313 REPORTABLE INGREDIENTS: **This material contains Chloroform (CAS# 67-66-3, 99+%) and Acetaldehyde (CAS#7507-0, 0.2%) Hydrogen Chloride (CAS# 7647-01-0 32-38%) 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): **CAS# 67-66-3: 10 lb final RQ; 4.54 kg final RQ.
CAS# 75-07-0: 1000 lb final RQ; 454 kg final RQ.
CAS# 7647-01-0: 5000 lb final RQ; 2270 kg final RQ.**

State Right to Know: **Acetaldehyde: MA, NJ, PA. ; Chloroform: CA, ILL, MA, NJ, PA, RI.; Ethanol MA, NJ, PA, RI. Hydrochloric Acid ILL, MA, NJ, PA, RI.**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **WARNING! This product contains chemicals known to the State of California to cause cancer. Acetaldehyde, Chloroform.**




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SECTION 15 - REGULATORY INFORMATION (Continued)

CCPR (Canadian Controlled Products Regulations):	Class B2, D1A, D2A, D2B, E.
CIDL (Canadian Ingredient Disclosure List):	Not listed.
CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):	Not Listed on CDSL.
EINECS (European Inventory of Existing Commercial Chemical Substances):	Referenced.

WGK Water Quality Index: **2 (overall 3 ampoules).**

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
<p>R11: Highly Flammable.</p> <p>R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R23: Toxic by inhalation.</p> <p>R32: Contact with acids liberates very toxic gas.</p> <p>R35: Causes severe burns.</p> <p>R37: Irritating to respiratory system.</p> <p>R38: Irritating to skin.</p> <p>R40: Limited evidence of carcinogenic effect.</p> <p>R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.</p>	 Xn - Harmful  T - Toxic  F - Highly Flammable	<p>For Hydrochloric Acid Ampoule #2:</p> <p>S1/2: Keep locked up and out of the reach of children.</p> <p>S9: Keep container in a well ventilated place.</p> <p>S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p> <p>For Chloroform Ampoule #3:</p> <p>S1/2: Keep locked up and out of the reach of children.</p> <p>S36/37: Wear suitable protective clothing and gloves.</p>

SECTION 16 - OTHER INFORMATION

Legend

N/A = Not Applicable	N/D = Not Determined	N/E = Not Established	N/R = Not Reported
<p>HMIS HAZARD RATINGS</p>	<p>HEALTH:</p> <p>FLAMMABILITY:</p> <p>PHYSICAL HAZARD:</p> <p>PERSONAL PROTECTIVE EQUIPMENT:</p>	<p>3</p> <p>0</p> <p>0</p> <p>H</p>	<p>0 = INSIGNIFICANT</p> <p>1 = SLIGHT</p> <p>2 = MODERATE</p> <p>3 = HIGH</p> <p>4 = EXTREME</p>

REVISION SUMMARY:

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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.