SEC	TION 1 - PF	RODUCT A	AND CON	<i>MPANY IDEN</i>	TIFICATIO	ON		
PRODUCT NAME:	Psilocybin F	Reagent						
PRODUCT NUMBER(S):	929 (100634	8), 7629 (10	06052)			DATE:	August 1, 2011	
TRADE NAME: Psilocybin/Mu			Γ					
GENERAL USE: Psilocybin/Mu		I		0				
CHEMICAL FAMILY: PDMB/HCI/E	ГОН	I						
PRODUCT DESCRIPTION:		I						
1st Ampoule – Clear liquid; 2nd ampoule – Clear fuming liquid acrid odor (Hydrochloric Acid).			$\overline{\mathbf{v}}$					
MANUFACTURED FOR:	ANUFACTURED FOR: DATE PREPARED: August 1, 2011							
Safariland LLC		I	SUPERSEDES: September 23, 2008					
ADDRESS (NUMBER, STREET, P.O. BC	<u> </u>		TELEPHONE NUMBER FOR INFORMATION / Customer Service					
	JX)	I						
13386 International Parkway (CITY, STATE AND ZIP CODE)								
, · · · ,		COUNTRY		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER				
Jacksonville, FL 32218		USA	Chem			55-3924	01-813-248-0585	
	OFOTIC					ica Toll Free	International	
	SECTIO	N Z-HAZ	ZARDS I	IDENTIFICAT	ION			
EMERGENCY OVERVIEW	t-a in the even	- r on the alviu			Inhelation of	f - ald vonoro i		
Irritation of eyes, nose, and throat. Splashes in the eyes or on the skin will cause severe skin burns. Inhalation of acid vapors may be injurious to the ungs. Repeated or prolonged exposure to dilute solutions of acid may cause irritation of the skin. Repeated or prolonged exposure to mists or vapors of Hydrochloric Acid may cause erosion of teeth, chronic irritation of the eyes, or chronic inflammation of the nose, throat, and bronchial tubes.								
POTENTIAL HEALTH EFFEC	;TS							
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 all three ampoules.								
EYES:								
Chronic irritation of eyes, corneal burns a INGESTION:	Chronic irritation of eyes, corneal burns are possible with exposure to Hydrochloric Acid.							
Severe irritation and ulceration of the gas	strointestinal tra	ct. Vomiting a	and diarrhea	are also sympton	ns.			
CARCINOGENICITY:								
NTP? No	IARC MOI	NOGRAPHS?	' No	OSHA REGULA	ATED?	No		
CALIFORNIA, Prop.65?	No	Ethanol-I	Reproductiv	ve toxicity Huma	n Female Or	al Route.		
	SECTIO	N 3-HAZ	ZARDOU	S INGREDIE	INTS			
						Hazard	RISK PHRASES	
Hazardous Components	% (by Weight)	CAS	S #	EINEC	S #	Symbol	(Full Text Section 15)	
Ethanol, 1st ampoule	>90	64-17-5		200-57	78-6	F	R11	
p-Dimethylaminobenzaldehyde, 1st ampoule	3-6	100-1	10-7			Xn,	R22, R52/53	
Hydrochloric Acid, 2nd Ampoule	100%	7647-	-01-0	231-59	9 5-7	C+, T, Xi	R23, R35, R37	
Notes: Hazard symbols and risk pr	nrases based o	n maximum li	sted concent	tration of each ha	zardous ingre	edient.	<u> </u>	
SECTION 4 - FIRST AID MEASURES								
INHALATION:	<u> </u>							
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 attention.	with plenty of v	water for at le;	ast 15 minut	es while removing	g contaminate	ed clothing and	d shoes. Seek medical	
INGESTION: If swallowed, give plenty of water to dilute immediately to dilute the acidic solutions. immediately.			0.		• •		0	

PRODUCT NAME: PRODUCT NUMBER(S):	Psilocybin 929 (10063/	Reagent 18), 7629 (10	06052)			DATE:	Aug	ust 1, 2011
				NG MEASU		DATE.	Aug	ust 1, 2011
GENERAL HAZARDS:	SLONG		_ //0////					
Hydrochloric Acid, 2nd Ampoule is highly corrosive to most metals with evolution of flammable Hydrogen gas. The Ethanol in the first ampoule is highly flammable.								
EXTINGUISHING MEDIA:								
Use extinguishing media appropriate for s	urrounding fire	e and foam, C	O ₂ or dry che	mical for Ethand	ol in Ampoule	1.		
FIRE FIGHTING PROCEDURES:								
Under fire conditions wearing NIOSH/MSA or European EN-149 approved SCBA's or acid gas=organic vapor respirators is required.								
UNUSUAL FIRE AND EXPLOSION HAZ	-							
Toxic and corrosive fumes may form from heated ampoules.								
HAZARDOUS COMBUSTION PRODUCT								
Hydrogen Chloride gas, other organo-hale								
				ELEASE M	EASURES			
STEPS TO BE TAKEN IN CASE MATER								
Wear protective equipment; ventilate area slurry. Can use ODV part number 910 so		rochloric Acid	spill with sod	um carbonate.	Add water if ne	ecessary to fo	rm a slurry.	Scoop up
			NDLING A	AND STOR	AGE			
PRECAUTIONS TO BE TAKEN IN HAND								
Store and handle according to packaged Avoid breathing vapor and prevent vapor				area. Keep awa	y from reactiv	e materials.		
SECTION	8 - EXPO	SURE CO	NTROLS	/ PERSON/	AL PROTI	ECTION		
			DSH			GIH	OSHA	۹.
HAZARDOUS COMPONENTS	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Ethanol, 1st ampoule	1000	1900			1000		1000	1900
p-Dimethylaminobenzaldehyde, 1st ampoule	NE		NE		NE		NE	
Hydrochloric Acid, 2nd Ampoule.	2			50 IDLH		2	5	7
PERSONAL PROTECTION								
RESPIRATORY PROTECTION:								
Not generally needed for field use as a test kit. NIOSH/MSA or European EN-149 approved acid gas respirator for a minor Hydrochloric Acid spill clean-up.								
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:								
WORK / HYGIENIC PRACTICES: Wash thoroughly after handling. Be prepared to neutralize and absorb spilled acid.								
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES								
			VAPOR PR					
st Ampoule – Clear liquid; 2nd ampoule – Clear fuming liquid crid odor (Hydrochloric Acid).								
VOC NE Volatility	NE		SPECIFIC G	RAVITY (WAT	ER = 1)			
Dependent upon ampoule.								
BOILING POINT / BOILING RANGE SOLUBILITY IN WATER								
NR NR								
FLASH POINT VISCOSITY								
56°F for Ethanol (Ampoule 1) NA								
FLAMMABLE LIMITS VAPOR DENSITY (AIR = 1)								
LEL: NR UEL: NR 1.3 (Hydrochloric Acid)								
UTO-IGNITION TEMPERATURE EVAPORATION RATE BUTYL ACETATE = 1)								
NR			NE					

PRODUCT NAME:	Psilocybin Reagent						
PRODUCT NUMBER(S):	929 (1006348), 7629 (10	006052)	DATE:	August 1, 2011			
SECTION 10 - STABILITY AND REACTIVITY							
STABILITY	STABLE X	CONDITIONS TO AVOID:					
		Excessive heat, light exposure, contac	ct with incompat	ible materials.			
INCOMPATIBILITY (MATERIALS TO AV	,						
Acid contact with most metals corrode active metal may develop enough heat		ns flammable Hydrogen gas. Contact of a nt combustible material.	acid gas or liqui	d with any alkali or			
HAZARDOUS DECOMPOSITION OR BY							
Hydrogen Chloride gas, nitrogen oxide	es, organo-halogens, and (organic vapors.					
HAZARDOUS POLYMERIZATION:							
Will not occur.							
	SECTION 11 - TOXI	ICOLOGICAL INFORMATION					
Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)		of Ingredient cify Species)			
	64-17-5						
Ethanol, 1st ampoule	200-578-6	Oral, mouse: LD50 = 3450 mg/kg.		NE			
p-Dimethylaminobenzaldehyde, 1st	100-10-7						
ampoule	202-819-0	Oral, mouse: LD50 = 800 mg/kg.		NE			
Underschlarig Asid 2nd Amnoula	7647-01-0	O_{rel} robbits D50 = 000 mg/kg	Inhalation, rat				
Hydrochloric Acid, 2nd Ampoule	231-595-7	Oral, rabbit: LD50 = 900 mg/kg.	3124 ppm/1H				
	SECTION 12 - EC	OLOGICAL INFORMATION					
		of the acidity. There is expected to d to evaporate rapidly and not bio					
	SECTION 13 - DIS	POSAL CONSIDERATIONS					
WASTE DISPOSAL METHOD:							
Chemical waste generators mur	st determine whether	a discarded chemical is classifie	ed as a hazar	dous waste. US			
		are listed in 40 CFR Parts 261.3. A					
		ations to ensure complete and ac					
SECTION 14 - TRANSPORT INFORMATION							
PROPER SHIPPING NAME:		A Ground), Chemical Kit UN 3316	(Intl./Air/Sea))			
DOT HAZARD CLASS / Pack Group:	Not Regulated	IMDG HAZARD CLASS: 9	<u> </u>				
REFERENCE:	-	RID/ADR Dangerous Goods Code:	9				
UN / NA IDENTIFICATION NUMBER:	2922	TDG Dangerous Goods Code:	9				
LABEL: Miscellaneous Materials (.9)		90				
HAZARD SYMBOLS:		IATA HAZARD CLASS / Pack Group:	9 / II				
		* - Excepted Quantity under 49CFR173 in the USA only.	3.4(b) for ground	and rail shipments			

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.

PRODUCT NAME:	Deile orthin Descent								
PRODUCT NAME: PRODUCT NUMBER(S):	Psilocybin Reagent 929 (1006348), 7629 (1006052)	DATE:	August 1, 2011						
			August 1, 2011						
TSCA (USA - Toxic Substance Cont	SECTION 15 - REGULATORY INFORMATION TSCA (USA - Toxic Substance Control Act): Ingredients are listed.								
	mendments and Reauthorization Act):								
Acute Health:	Yes Chronic Heal	th:	Yes						
Fire:	Yes Sudden Rele	ase of Pressure:	No						
Reactive:	No								
313 REPORTABLE INGREDIENTS:	, , , , , , , , , , , , , , , , , , , ,	# 7647-01-0 32-38%) whi	ch are subject to the						
	3 of SARA Title III and 40 CFR Part 373.								
CERCLA (USA - Comprehensive Re	AS# 7647-01-0: 5000 lb final RQ; 2270 kg final RQ.								
	ter and Toxic Enforcement Act of 1986:	None							
-	J,PA, Hydrochloric Acid: MA,NJ,PA,RI, ; 4-Dime	thylaminobenzaldehyde	: NJ,PA.						
CCPR (Canadian Controlled Produc									
CIDL (Canadian Ingredient Disclosu									
	stances List / Non-Domestic Substances List): sting Commercial Chemical Substances):	Not Listed on CDSL.							
WGK Water Quality Index:	2	Referenced.							
RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PH							
R11: Highly Flammable.		S1/2: Keep locked up and ou							
R22: Harmful if swallowed.		S9: Keep container in a well	ventilated place.						
R23: Toxic by inhalation. R32: Contact with acids liberates very toxic		S26: In case of contact with with plenty of water and see							
gas.		S36/37/39: Wear suitable pro							
R35: Causes severe burns.	Xn/Xi - Harmful/Irritant	and eye/face protection.							
R37: Irritating to respiratory system. R38: Irritating to skin.		S45: In case of accident or if medical advice immediately	-						
R48/20/22: Harmful: danger of serious		possible).	(Show the label where						
damage to health by prolonged exposure		. ,							
through inhalation and if swallowed.									
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the	T -Toxic								
aquatic environment.									
	C+ - Corrosive								
	F- Highly Flammable								
	SECTION 16 - OTHER INFORMATI								
Legend: NA = Not Applicable ND		Not Reported							
HMIS HAZARD RATINGS	HEALTH:	3	0 = INSIGNIFICANT						
	FLAMMABILITY:	3	1 = SLIGHT						
	PHYSICAL HAZARD:	1	2 = MODERATE						
	PERSONAL PROTECTIVE EQUIPMENT:	С	3 = HIGH						
			4 = EXTREME						
REVISION SUMMARY:									
Revised 8/1/2011 to EU protocols, supersedes 9/23/2008 issue. LB/JTV									
MSDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. Website: www.chemtelinc.com	+01 813-248-0573	hemTel	M						
The information contained herein is believed to	be accurate but is not warranted to be so. Data and calculatio	ns are based on information fu	rnished by the manufacturer						
of the product and manufacturers of the compo- the circumstances of use. Vendor assumes no not adhered to as stipulated in the data sheet. F	responsibility for injury to vendee or third persons proximately ca furthermore, vendor assumes no responsibility for injury caused by a ng this product should be directed to the manufacturer of the p	of need that information is current used by the material if reasonable abnormal use of this material even	nt, applicable and suited to e safety procedures are						