SECTI	ON 1 - PRODUCT A	AND COMPANY	IDENTIFICATI	ON	
PRODUCT NAME:	Triple –Chaser® Grenad	e, CS			
PRODUCT NUMBER:	1026		DATE:	November 12, 2010	
TRADE NAME: Triple – Cha	aser® Grenade, CS				
GENERAL USE: Crowd Con	trol				
CHEMICAL FAMILY: Fuze/Charg	je/Chemical Irritant				
PRODUCT DESCRIPTION:			DEFENSE T	<b>ECHNOLOGY</b> °	
Canister containing fuze & cream ( (Explosive Device)	colored irritating powder.				
MANUFACTURED FOR:		DATE PREPARED:	November 12, 2	2010	
Safariland, LLC		SUPERSEDES:	March 26, 2010		
ADDRESS (NUMBER, STREET, F	P.O. BOX)	TELEPHONE NUMBE	R FOR INFORMATIO	ON / Customer Service	
13386 International Parkway			800-347-1200	)	
(CITY, STATE AND ZIP CODE)	COUNTRY	CHEMTEL 24-H	OUR EMERGENCY	TELEPHONE NUMBER	
Jacksonville, FL 32218	USA		1-800-255-3	924 01-813-248-0585	
			North America T	oll Free International	
	SECTION 2 - HAZ	ZARDS IDENTII	FICATION		
EMERGENCY OVERVIEW					
FIRE AND HEAT SOURCES. DO ONLY BE DEPLOYED BY PERSO if the unit is exposed to excess here exposure hazards; the overall cl irritating to eyes, skin, and the resp Section 15.	ONNEL TRAINED IN ITS PF at. Oxides of Nitrogen, Carb hemical hazards from sing	ROPER USE. Individual on, and Sulfur may be f le exposures are gene	l cartridges may ignit formed. <b>Chemicals ir</b> erally slight. The gas	e if the actuator is released or n <b>unused product pose no</b> s component is temporarily	
POTENTIAL HEALTH EFF	ECTS				
INHALATION:					
Normal handling of the unused product poses no exposure hazards. Temporary respiratory irritation, including coughing and/or wheezing, will occur from exposure to deployed device at close proximity. While particles and vapors from deployed product may be an inhalation hazard, the risk is lessened where single exposures are concerned. Persons with pre-existing respiratory ailments are much more likely to develop cough and wheezing.					
SKIN:					
Moderate to severe skin irritation,					
product will cause temporary mode blistering. Effects of single exposu				ntact may result is some	
EYES:					
Severe irritation will occur if conter		-	-		
exposure to deployed product at a tearing, and redness.	close distance; these enect	s, while unpleasant, are	e usually temporary, a	and will include eye pain,	
INGESTION:					

Ingestion of deployed product is highly unlikely. Components of unused product are toxic and will cause irritation to throat and gastrointestinal tract.

CARCINOGENICITY:

Product contains hexavalent chromium and lead salts, which are considered carcinogenic by the IARC, the NTP, OSHA, the ECHA (ESIS Notation), and the State of California (Proposition 65). Product also contains carbon black, which is listed by the IARC and the State of California. These components pose no exposure risk in handling the unused product, and pose only a very slight risk in normal single deployments.

PRODUCT NAME:	Triple –Chas	er® Grenade, CS			
PRODUCT NUMBER:	1026		DATE	Nov	ember 12, 2010
	SECTION	3 - HAZARDOU	S INGREDIENTS		
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Barium Chromate	NR	10294-40-3	233-660-5	Т	None
Manganese Powder	NR	7439-96-5	231-105-1	None	None
Lead Chromate	NR	7758-97-6	231-846-0	T,N	R33,R40,R50/53,R62
Nitrocellulose	NR	9004-70-0	NR	E	NR
Red Iron Oxide	NR	1309-37-1	215-168-2	None	None
Titanium Powder	NR	7440-32-6	231-142-3	None	None
Zirconium Powder	NR	7440-67-7	231-176-9	F	R15,R17
Potassium Chlorate	NR	3811-04-9	231-104-6	F, Xn, N	R9, R20/22, R51/53
Sugar	NR	57-50-1	200-334-9	None	None
Magnesium Carbonate	NR	546-93-0	208-915-9	None	None
o-Chlorobenzylindenemalononitrile	NR	2698-41-1	220-278-9	None	None

**NOTES:** This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006 (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 1907/2006 and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directive 67/548/EEC.

### SECTION 4 - FIRST AID MEASURES

#### INHALATION:

For symptoms of lung irritation occur (coughing, wheezing or breathing difficulty), remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep affected person warm and at rest. Get medical attention.

#### EYES:

Remove contact lenses, then wash for 15 minutes with clean potable water lifting upper and lower lids occasionally. Seek medical attention if irritation persists.

#### SKIN:

Wash with plenty of soap and water. Seek medical attention if delayed dermatitis develops. For contact with burning (ignited) particles, medical treatment may be needed for thermal burns.

#### INGESTION:

Contact medical authorities immediately. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs naturally, have victim lean forward to avoid aspiration of regurgitant. Give 1-2 glasses of water to victim if victim is conscious and able to swallow and seek immediate medical assistance. Never give anything by mouth to an unconscious person.

PRODUCT NAME:	Triple –Chas	er® Grenade, CS				
PRODUCT NUMBER:	1026		DATE:	November 12, 2010		
	SECTION	5 - FIRE FIGHTING MEAS	SURES			
GENERAL HAZARDS:						
	plode if multip	910.1200) Explosive. Can explode under le devices are involved. Burning material information.				
EXTINGUISHING MEDIA:						
and let fire burn.	available, car	bon dioxide, dry chemical or earth may b	e used. If the fir	e reaches the cargo, withdrav		
FIRE FIGHTING PROCEDURES:						
		Protection concerns must also address the east 1500 feet from fires involving product		he physical characteristic of		
UNUSUAL FIRE AND EXPLOSION		east 1000 leet nom mes involving produc	ι.			
	ithdraw persor	nnel to safe distance. Evacuate all persor	ns, including en	nergency responders from the		
HAZARDOUS COMBUSTION PRO	DUCTS:					
Metal Compounds, Carbon Monoxid	de, Carbon Die	oxide, Nitrous Oxides, Various complex or	kides of metals,	Nitrogen.		
SEC	TION 6-	ACCIDENTAL RELEASE M	IEASURES			
STEPS TO BE TAKEN IN CASE M						
capabilities.	SECTION	extreme heat. A spill of this material will no				
PRECAUTIONS TO BE TAKEN IN	HANDLING A	ND STORAGE:				
STORAGE: Avoid storage near extr	reme heat, ign	e is punctured or severely damaged. ition sources or open flame. shock, electrical discharge, high energy E	M fields (radar	stations).		
SECTION 8	- EXPOS	URE CONTROLS/PERSON	IAL PROT	ECTION		
Hazardous Components	CAS #	ACGIH Exposure Limits	Ex	OSHA posure Limits		
Barium Chromate	10294-40-3	0.5 mg/m3		0.5 mg/m3		
Manganese Powder	7439-96-5	0.2 mg/m3	5	mg/m3 (Ceiling)		
Lead Chromate (a)(b)	7758-97-6	0.012 mg/m3 as Chromium / 0.05 mg/m3 as Lead	0.1 mg/	/m3 (Ceiling as CrO3)		
Nitrocellulose	9004-70-0	NE		NE		
Red Iron Oxide	1309-37-1	5 mg/m3 respirable		10 mg/m3		
Titanium Powder	tanium Powder 7440-32-6 NE NE					
Zirconium Powder	7440-67-7	5 mg/m3 (NIOSH)		5 mg/m3		
Potassium chlorate	3811-04-9	NE		NE		
Sugar	57-50-1	5 mg/m3 (respirable)(NIOSH)	15 mg/m3 t	total , 5 mg/m3 respirable		
Magnesium Carbonate	546-93-0	10 mg/m3		15 mg/m3		
o-Chlorobenzylindenemalononitrile	2698-41-1	0.4mg/m3 (0.05 ppm) STEL (NIOSH)	0.4r	mg/m3 (0.05 ppm)		
		bison-see (29CFR 1910.10-25) (listed ur EL):  As Pb: < 0.1 mg/m3 (TWA); As Cr		• • •		

PRODUCT NAME:	Triple –Cha	aser® Grenad	e, CS		
PRODUCT NUMBER:	1026			DATE:	November 12, 2010
SECTION	8 - EXPOSURE	CONTRO	LS / PERSONAL	PROTECTI	ON Continued
PERSONAL PROTE	ECTION				
RESPIRATORY PROTE					
		l under certain	deployment conditions; co	onsult manufactur	er for further guidance.
PROTECTIVE GLOVES				,	
	ing unused product; whe	ere possible, us	se protective gloves for ha	andling spent gren	lades.
EYE PROTECTION:		transly ouggoo	4		
	e shields or face shield st CLOTHING OR EQUIPM		ted.		
			ged indoors. Hearing prot	taction is recomm	and a with all products
containing an explosive	-		yeu muoors. meaning prot		
WORK / HYGIENIC PRA	ACTICES:				
Avoid breathing fumes fr	rom ignition. DO NOT E	AT/DRINK/SM	OKE WHILE HANDLING	PRODUCT!!!	
	SECTION 9 - P	HYSICAL	AND CHEMICAL	_ PROPERT	IES
DESCRIPTION:			CONDITIONS TO AVOID	D:	
Canister containing fuze (Explosive Device)	e & cream colored irritatii	ing powder.	Not applicable.		
рН			SPECIFIC GRAVITY (W	/ATER = 1)	
Not applicable.			Not applicable		
MELTING POINT			SOLUBILITY IN WATER	j	
Not applicable.			Insoluble - some compor	nents are soluble i	n water
FLASH POINT			VISCOSITY		
Not applicable.			Not applicable		
FLAMMABLE LIMITS	EXPLOSIV		VAPOR DENSITY (AIR	= 1)	
LEL: None	UEL: None		Not applicable.		
AUTOIGNITION TEMPE	ERATURE		EVAPORATION RATE (	(WATER = 1)	
NR			Not applicable.		
	COMPOUND (VOC) INFO	ORMATION			
Not applicable.					
NOTES: None.	2507/01				
	SECTION		BILITY AND RE		
STABILITY:			CONDITIONS TO AVOID	):	
	nperatures and pressure	э.	Cartridge may detonate i	if case is puncture	d or severely damaged.
INCOMPATIBILITY (MA					
	osives, strong oxidizers,				
	POSITION OR BYPROD				
	monoxide, lead oxides,				
HAZARDOUS POLYME	RIZATION:		CONDITIONS TO AVOID		
Will not occur.			None related to polymeriz	zation.	

PRODUCT NAME:	Triple – Chaser® Grenad	le, CS			
PRODUCT NUMBER:	1026 DATE: November 12, 2010				
SE	CTION 11 - TOXI	COLOGICAL INFORMATIO			
		nplete Product	-		
Oral LD <sub>50</sub>		; ingestion of used product is highly unli	kely.		
Dermal LD <sub>50</sub>		ating to skin; prolonged contact may resu	-		
Inhalation LC <sub>50</sub>	Unused product is harmle	ess. Vapors from deployed product are irr	itating.		
Irritation	•	in unused form. Vapors from used produ-	•		
	Produ	uct Components			
Hazardous Components	CAS #	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)		
Barium Chromate	10294-40-3	Not Established	Not Established		
Manganese Powder	7439-96-5	9 gm/kg	Not Established		
Lead Chromate	7758-97-6	> 12 g/kg (oral, mouse)	Not Established		
Nitrocellulose	9004-70-0	> 5 g/kg	Not Established		
Red Iron Oxide	1309-37-1	Not Established	Not Established		
Titanium Powder	7440-32-6	Not Established	Not Established		
Zirconium Powder	7440-67-7	Not Established	Not Established		
Potassium chlorate	3811-04-9	1870 mg/kg	Not Established		
Sugar	57-50-1	29,700 mg/kg	110 mg/m3		
Magnesium Carbonate	546-93-0	8000 mg/kg	Not Established		
o-Chlorobenzylindenemalononitrile	2698-41-1	178 mg/kg	2753 mg/m3/20min (mouse)		
S	SECTION 12 - ECO	DLOGICAL INFORMATION			
and careful disposal of spent cartrid ecosystems.	ges is highly advisable. Le	mponents may be harmful or toxic to aquead and chromium are especially problen	natic when introduced into many		
	ECTION 13 - DISP	POSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD:					
local, state and federal laws and reg	ulations regarding treatme	nused material, residues and containers ent, storage and disposal for hazardous a I materials pose a danger to anyone in th	and nonhazardous wastes.		
	SECTION 14 - TR	ANSPORT INFORMATION			
PROPER SHIPPING NAME: Tear Gas Candles, UN1700					
DOT HAZARD CLASS / Pack Grou	o: <b>6.1, (4.1)/ II</b>	IATA HAZARD CLASS / Pack Group: 1 Aircraft Only	.4G, (6.1), / II 50kg max, Cargo		
REFERENCE:		IMDG HAZARD CLASS: 6.1, (4.1)			
UN / NA IDENTIFICATION NUMBE	R: <b>UN1700</b>	RID/ADR Dangerous Goods Code:	6.1, (4.1)		
LABEL: Poison,6.1, Flammable		UN TDG Class / Pack Group:	I		
HAZARD SYMBOLS:	DANGER	Hazard Identification Number (HIN): 46			
	Canada) TDG information	v. Client is urged to consult CFR 49 parts manuals for detailed regulations and exc			

PRODUCT NAME:	Triple –Cha	ser® Grenade, CS			
PRODUCT NUMBER:	1026		DATE:	November 12, 2010	
S	ECTION	<b>15 - REGULATORY INFORM</b>	IATION		
TSCA (USA - Toxic Substance Con	ntrol Act): Co	nponents are listed under Section8b.			
SARA TITLE III (USA - Superfu	nd Amendm	ents and Reauthorization Act):			
Acute Health:	YES	Chronic Health	:	YES	
Fire:	YES	Sudden Releas	e of Pressur	e: YES	
Reactive:	NO				
SARA 313 REPORTABLE INGREE	IENTS: Cop	per, Zinc (fume or dust), Lead, Chromiur	n		
lbs. : Chromium, R.Q. = 5000 lbs.	: Lead, (No	npensation and Liability Act): Aluminum, A reporting is required if diameter of the pi , Lead, and Chromium compounds are C	eces of meta	l is equal to or exceeds 100	
Barium chromate listed as `Chro	mium (VI) co s Lead chron	c Enforcement Act of 1986: WARNING: The mpounds', chemicals known to the state nate, listed as `Lead, inorganic compoun we toxicity and cancer.	e of California	a to cause cancer.	
State Right To Know Laws: <b>This pr</b> <b>RI.</b>	oduct contai	ns chemicals listed on the Right-to-Know	w Laws of CA	A, FL, MA, MI, MN, NJ, PA, &	
IDL (Canadian Ingredient Disclosu	re List):	Components are listed in Section 2.			
DSL / NDSL (Canadian Domestic S	Substances Li	st / Non-Domestic Substances List): Listed	or exempt o	n both CDSL and NDSL.	
EINECS (European Inventory of Ex	kisting Comm	ercial Chemical Substances):	eferenced		
WGK Water Quality Index: NA for product.					
EUROPEAN (GHS) HAZARD SYM	BOLS				
	•				
EU RISK PHRASES					
R2: Risk of explosion by shock, friction, fire or other sources of ignition. R20/22: Harmful by inhalation and if swallowed. R33: Danger of cumulative effects. R36/37/38: Irritating to eyes, respiratory system and skin. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R61: May cause harm to the unborn child. R62: Possible risk of impaired fertility.					
EU SAFETY PHRASES					
S1/2: Keep locked up and out of t S45: In case of accident or if you S53: Avoid exposure — obtain sp S60: This material and its contair	feel unwell, becial instruc	seek medical advice immediately (show stions before use.	the label whe	ere possible).	

PRODUCT NAME:	Triple –Chaser® Grenade, CS					
PRODUCT NUMBER:	1026		DATE:	November 12, 2010		
SECTION 16 - OTHER INFORMATION						
HMIS HAZARD RATINGS						
	HEALTH:		2	0 = INSIGNIFICANT		
	FLAMMABILITY:		3	1 = SLIGHT		
	PHYSICAL HAZARD:		2	2 = MODERATE		
	Dense and Dense attended Environment			3 = HIGH		
	Personal Protective Equipme	4 = EXTREME				
Legend:						
HMIS - Hazardous Materials Ide NA - Not Available, ND -	cupational Safety and Health, NTP -	ional Agency f lished, NR -	Not Repo	orted		
explosion by shock, friction, fire or may cause fire. R9 Explosive wher flammable gases. R17 Spontaneou Harmful if swallowed. R23/24/25 To	n dry. R2 Risk of explosion by shock, frid other sources of ignition. R5 Heating m mixed with combustible material. R11 H usly flammable in air. R20 Harmful by inf oxic by inhalation, in contact with skin ar R36 Irritating to eyes. R36/37/38 Irritation	ay cause an ex Highly flammab nalation. R20/2 nd if swallowed.	plosion. R8 ( le. R15 Cont 2 Harmful by . R23/25 Tox	Contact with combustible material act with water liberates extremely inhalation and if swallowed. R22 ic by inhalation and if swallowed.		
R40 Limited evidence of a carcinogenic effect. R43 May cause sensitization by skin contact. R45 May cause cancer. R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50 Very toxic to aquatic organisms. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R61 May cause harm to the unborn child. R62 Possible risk of impaired fertility. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapors may cause drowsiness and dizziness. R68 Possible risk of irreversible effects.						
REVISION SUMMARY:	Revised 11/12/2010					
MSDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255 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.						