



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
PRODUCT NAME: 7001CI-Distracton Device-Command Initiate Reload PRODUCT NUMBER(S): 7001CI DATE: July 25, 2008					
TRADE NAME: 7001CI Distracton Device-Command Initiate Reload. GENERAL USE: Distracton Device CHEMICAL FAMILY: Metal Powder+Oxidizer. PRODUCT DESCRIPTION: Odorless Silvery Grey Powder.			 DEFENSE TECHNOLOGY		
MANUFACTURED FOR: Safariland LLC			DATE PREPARED: July 25, 2008 SUPERSEDES: November 1, 2006		
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway (CITY, STATE AND ZIP CODE) Jacksonville, FL 32218			TELEPHONE NUMBER FOR INFORMATION / Customer Service 904-741-5400		
COUNTRY USA			CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER <div style="display: flex; justify-content: space-between;"> <div> ChemTel INC.  </div> <div> 1-800-255-3924 North America Toll Free </div> <div> 01-813-248-0585 International </div> </div>		
SECTION 2 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Magnesium Powder	25-35	7439-95-4	231-104-6	(+F)	R15, R17
Aluminum Powder	20-30	7429-90-5	231-072-3	(+F)	R15, R17
Potassium Perchlorate	40-50	7778-74-7	231-912-9	(+O),(+Xn)	R9, R22
Notes: Hazard symbols and risk phrases based on maximum listed concentration of each hazardous ingredient. See Separate MSDS sheet for Nonel® Shock Tube.					
SECTION 3 - HAZARDS IDENTIFICATION					
EMERGENCY OVERVIEW Explosive mixture can cause eye, hearing, and bodily injury if used improperly.					
POTENTIAL HEALTH EFFECTS					
INHALATION: Unlikely, but contents of device are irritant when inhaled as a dry powder.					
SKIN: Possible skin irritation - if internal contents of device come in contact with the skin.					
EYES: Eye irritant-if contents of device come in contact with eyes.					
INGESTION: Capable of causing gastrointestinal upset. Perchlorates are implicated in thyroid disorders.					
CARCINOGENICITY: <div style="display: flex; justify-content: space-between;"> <div>NTP? No</div> <div>IARC MONOGRAPHS? No</div> <div>OSHA REGULATED? No</div> </div> <div style="display: flex; justify-content: space-between;"> <div>CALIFORNIA, Prop.65? No</div> </div>					
SECTION 4 - FIRST AID MEASURES					
INHALATION: Low health risk. Move victim to fresh air seek medical attention if symptoms of coughing or wheezing are persistent.					
EYES: Corneal abrasions are possible. In case of contact with eyes - clean with a cotton swab. Then flush for at least 15 minutes with clean water, lifting eyelids occasionally. Get medical help if symptoms persist.					
SKIN: Possible irritation. For skin contact, wash with soap and water. Seek medical attention if irritation persists.					
INGESTION: Give plenty of water to drink and call a physician immediately.					
SECTION 5 - FIRE FIGHTING MEASURES					
GENERAL HAZARDS: Use of water on molten or burning powder may create hydrogen gas and cause explosion and possible bodily injury.					
EXTINGUISHING MEDIA: No water; dry sand, G-1 powder or powdered talc.					
FIRE FIGHTING PROCEDURES: Firefighters should wear NIOSH/MSA or European EN149 approved self-contained breathing apparatus and other necessary protective clothing.					
UNUSUAL FIRE AND EXPLOSION HAZARDS: Explosive materials. Use of water on molten or burning powder may create hydrogen gas and cause explosion and possible bodily injury. Avoid sources of ignition. Mixture can explode with considerable force. Evacuate area of all unnecessary personnel.					
HAZARDOUS COMBUSTION PRODUCTS: Halogenated fumes, metal fumes, metal oxide fumes,					






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SECTION 6 - ACCIDENTAL RELEASE MEASURES								
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:								
Secure and evacuate the area, do not attempt to sweep up spill, add talc or chalk (Calcium Carbonate) powder to spill. Contact appropriate authorities to handle cleanup. Control all sources of ignition.								
SECTION 7 - HANDLING AND STORAGE								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:								
Ground all handling and transferring operations. Do not expose to heat, open flames, sparks or severe shock. Store according to Class G Explosive. Avoid wet storage conditions.								
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	PEL ppm	PEL mg/m ³
Magnesium Powder	NE			NE	NE		NE	
Aluminum Powder		10				10	15 mg/m ³ (5 respirable)	
Potassium Perchlorate	NE			NE	NE		NE	
PERSONAL PROTECTION								
RESPIRATORY PROTECTION:								
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.								
PROTECTIVE GLOVES:								
Wear appropriate protective gloves to prevent skin exposure.								
EYE PROTECTION:								
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR								
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:								
Wear appropriate protective clothing to prevent skin exposure. Hearing protection is also advised when product is used as intended.								
WORK / HYGIENIC PRACTICES:								
Ground all handling and transferring operations. Do not expose to heat, open flames, sparks or severe shock.								
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES								
APPEARANCE AND ODOR					VAPOR PRESSURE			
Odorless Silvery Grey Powder.					NA			
VOC NA Volatility NA					SPECIFIC GRAVITY (WATER = 1)			
					NA			
BOILING POINT / BOILING RANGE					SOLUBILITY IN WATER			
NA					Negligible			
FLASH POINT					VISCOSITY			
NA					NA			
FLAMMABLE LIMITS					VAPOR DENSITY (AIR = 1)			
LEL: NA UEL: NA					NA			
AUTOIGNITION TEMPERATURE					EVAPORATION RATE BUTYL ACETATE = 1)			
NA					NA			
SECTION 10 - STABILITY AND REACTIVITY								
STABILITY			STABLE		x		CONDITIONS TO AVOID:	
							Sources of ignition, excessive heat , severe shock. Store in a dry location, avoid water contact. Product is a Class G Explosive.	
INCOMPATIBILITY (MATERIALS TO AVOID):								
Reacts with water and steam to produce hydrogen gases which may cause explosion. Avoid organic compounds, acids, other oxidizers, and bases.								
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:								
Metal oxide fumes, halogenated fumes,								
HAZARDOUS POLYMERIZATION:					CONDITIONS TO AVOID:			
Will not occur					None related to polymerization.			
SECTION 11 - TOXICOLOGICAL INFORMATION								
Hazardous Components	CAS #	LD50 of Ingredient			LC50 of Ingredient			
	EINECS #	(Specify Species and Route)			(Specify Species)			
Magnesium Powder	7439-95-4	NE			NE			
	231-104-6							
Aluminum Powder	7429-90-5	NE			NE			
	231-072-3							
Potassium Perchlorate	7778-74-7	NE			NE			
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SECTION 12 - ECOLOGICAL INFORMATION		
Do not discard into waterways or streams.		
SECTION 13 - DISPOSAL CONSIDERATIONS		
WASTE DISPOSAL METHOD: Do not use water, especially on molten or burning product. Product should be treated as hazardous. Dispose in accordance with local, state, and federal regulations involving explosive products. DO NOT PLACE IN ORDINARY TRASH RECEPTACLES. It is suggested that an explosion-proof waste container be used.		
SECTION 14 - TRANSPORT INFORMATION		
PROPER SHIPPING NAME: Explosives, division 1.3G, Cartridges, Fash, UN 0050		
DOT HAZARD CLASS / Pack Group: Explosives, 1.3	IATA HAZARD CLASS / Pack Group: Cargo Only / II	
REFERENCE: 49CFR	IMDG HAZARD CLASS: Explosives 1.3G	
UN / NA IDENTIFICATION NUMBER: 0050	RID/ADR Dangerous Goods Code: Explosives 1.3G	
LABEL: Explosives 1.3G	UN TDG Class / Pack Group: II	
HAZARD SYMBOLS:	Hazard Identification Number (HIN): X532	
		
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):		
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):		
Acute Health: Yes	Chronic Health: Yes	
Fire: Yes	Sudden Release of Pressure: Yes	
Reactive: Yes		
313 REPORTABLE INGREDIENTS:		
CERCLA (USA - Comprehensive Response Compensation and Liability Act):		
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:		
CCPR (Canadian Controlled Products Regulations):		
CIDL (Canadian Ingredient Disclosure List):		
CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):		
EINECS (European Inventory of Existing Commercial Chemical Substances):		
WGK Water Quality Index: 2		
RISK PHRASES: R9 : Explosive when mixed with combustible material. R15 : Contact with water liberates extremely flammable gases. R17 : Spontaneously flammable in air. R22 : Harmful if swallowed.	SYMBOL(S) REQUIRED FOR EU LABEL  (+-EXPLOSIVE)  (+-OXIDIZER)  (+-FLAMMABLE)  (+-HARMFUL)	SAFETY PHRASES: S2 : Keep out of the reach of children. S7/8 : Keep container tightly closed and dry. S22 : Do not breathe dust. S27 : Take off immediately all contaminated clothing. S43 : In case of fire, use dry sand, powdered talc, or special agent for metals fires. Never use water.

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SECTION 16 - OTHER INFORMATION			
Legend			
N/A=Not Applicable		N/D=Not Determined	
		N/E = Not Established	
		N/R = Not Reported	
HMIS HAZARD RATINGS	HEALTH:	2	0 = INSIGNIFICANT
	FLAMMABILITY:	2	1 = SLIGHT
	PHYSICAL HAZARD:	2	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	D	3 = HIGH
			4 = EXTREME
REVISION SUMMARY:			
Revised to GHS/EU protocols 7/25/2008 supersedes 11/01/2006 JTV.			
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>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.</p>			