Printing date September 30, 2015

Revision: September 30, 2015

SECTION 1: Identification of the substance/mixture and of the company/ undertaking · 1.1 Product identifier · Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters · Article number: 6682S · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · Application of the substance / the mixture **Crowd Control Device** Explosive product. · Uses advised against Contact manufacturer. · 1.3 Details of the supplier of the Safety Data Sheet · Manufacturer/Supplier: Safariland, LLC 13386 International Parkway Jacksonville, FL 32218 Customer Care (800) 347-1200 · Further information obtainable from: Customer Care Department · 1.4 Emergency telephone number: ChemTel Inc. (800)255-3924, +1 (813)248-0585 **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. exploding bomb H204 Fire or projection hazard. Expl. 1.4 health hazard H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. Resp. Sens. 1 environment Aquatic Acute 1 H400 Very toxic to aquatic life. H302 Harmful if swallowed. Acute Tox. 4 Acute Tox. 4 H332 Harmful if inhaled. (Cont'd. on page 2)

OSHA GHS

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters (Cont'd. from page 1) Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation. Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H335 May cause respiratory irritation. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects. · Additional information: 0 % of the mixture consists of component(s) of unknown toxicity. · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. The product is classified and labelled according to the CLP regulation. Hazard pictograms This pictogram only applicable for EU regulations. Not for use in the United States (OSHA GHS). GHS01 GHS07 GHS08 GHS09 Signal word Danger · Hazard-determining components of labelling: [(2-chlorophenyl)methylene]malononitrile potassium chlorate Hazard statements The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. H204 Fire or projection hazard. H302+H332 Harmful if swallowed or if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. H334 H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P250 Do not subject to grinding/shock/friction. P285 In case of inadequate ventilation wear respiratory protection. P280 Wear eye protection / face protection. P373 DO NOT fight fire when fire reaches explosives. P370+P380 In case of fire: Evacuate area. (Cont'd. on page 3)

Printing date September 30, 2015

Revision: September 30, 2015

(Cont'd. from page 2) P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor. P372 Explosion risk in case of fire. · Additional information: Can become highly flammable in use. · NFPA ratings (scale 0 - 4) Health = 4Fire = 0Reactivity = 0· HMIS-ratings (scale 0 - 4) HEALTH *3 Health = *3 FIRE • Fire = 0 **REACTIVITY** Reactivity = 0 * - Indicates a long term health hazard from repeated or prolonged exposures. · 2.3 Other hazards · Results of PBT and vPvB assessment • **PBT:** Not applicable. · vPvB: Not applicable. · Explosive Product Notice PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES - The prevention of accidents in the use of explosives is a result of careful planning and observance of the best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers. WARNING - All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state, and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

SECTION 3: Composition/information on ingredients

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

- · 3.2 Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.
- · Dangerous components:

(Cont'd. on page 4)

Revision: September 30, 2015

Safety Data Sheet according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA GHS

Printing date September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

	(Cont'd, f	rom page 3)
CAS: 2698-41-1 EINECS: 220-278-9	 [(2-chlorophenyl)methylene]malononitrile Acute Tox. 3, H301; Acute Tox. 2, H330 Resp. Sens. 1, H334 Aquatic Acute 1, H400 Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 	20-40%
CAS: 3811-04-9 EINECS: 223-289-7 Index number: 017-004-00-3	potassium chlorate Ox. Sol. 1, H271 Aquatic Chronic 2, H411 Acute Tox. 4, H302; Acute Tox. 4, H332	20-40%
CAS: 9004-70-0 EC number: 603-037-0	Nitrocellulose, colloided, granular Expl. 1.1, H201	10-20%
CAS: 57-50-1 EINECS: 200-334-9	sucrose, pure substance with a Community workplace exposure limit	10-20%
CAS: 598-62-9 EINECS: 209-942-9	manganese carbonate substance with a Community workplace exposure limit	10-20%
CAS: 7757-79-1 EINECS: 231-818-8	potassium nitrate Ox. Sol. 2, H272	1-5%
CAS: 7440-21-3 EINECS: 231-130-8	silicon § Flam. Sol. 2, H228	1-5%
CAS: 7429-90-5 EINECS: 231-072-3 Index number: 013-001-00-6	aluminium powder (pyrophoric)	≤ 2,5%
CAS: 557-04-0 EINECS: 209-150-3	magnesium distearate, pure substance with a Community workplace exposure limit	≤ 2,5%
	e identity and exact percentages are being withheld as a trade sec Hazard Statements refer to section 16.	ret.
Notable Trace Components		
CAS: 122-39-4 EINECS: 204-539-4 Index number: 612-026-00-5	diphenylamine Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT RE 2, H373 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 12403-82-6 EINECS: 235-642-2	dihydroxy[styphnato(2-)]dilead / lead styphnate Unst. Expl., H200 Acute Tox. 3, H301; Acute Tox. 2, H330 Carc. 1B, H350; Repr. 2, H361; STOT RE 2, H373 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

(Cont'd. on page 5)

OSHA GHS

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters (Cont'd. from page 4) Take affected persons out into the fresh air. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. · After inhalation: Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest provide artificial respiration. · After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. Seek immediate medical help for blistering or open wounds. · After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. · After swallowing: Unlikely route of exposure. Rinse out mouth and then drink plenty of water. Do not induce vomiting: call for medical help immediately. · 4.2 Most important symptoms and effects, both acute and delayed Asthma attacks Irritant to skin and mucous membranes. Irritant to eves. Breathing difficulty Coughing Gastric or intestinal disorders when ingested. Nausea in case of ingestion. Allergic reactions · Hazards Danger of blast or crush-type injuries. Danger of impaired breathing. Danger of disturbed cardiac rhythm. Danger of pulmonary oedema. · 4.3 Indication of any immediate medical attention and special treatment needed Contains [(2-chlorophenyl)methylene]malononitrile. May produce an allergic reaction. If necessary oxygen respiration treatment. Product may produce physical injury if mishandled. Treatment of these injuries should be based on the blast and compression effects.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: None.
- · 5.2 Special hazards arising from the substance or mixture

Product may explode if burned in confined space. Individual cartridges may explode. Mass explosion of many cartridges at once is unlikely.

(Cont'd. on page 6)

Printing date September 30, 2015

Revision: September 30, 2015

(Cont'd. from page 5)

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

- Wear fully protective suit.
- · Additional information

Eliminate all ignition sources if safe to do so.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Flammability Classification: (defined by 29 CFR 1910.1200) Explosive. Can explode under fire conditions. Individual devices will randomly explode. Will not mass explode if multiple devices are involved. Burning material may produce toxic and irritating vapors. In unusual cases, shrapnel may be thrown from exploding devices under containment. See 2008 Emergency response Guidebook for further information.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTEL AT 1-800-255-3924. Spills of this material should be handled carefully. Do not subject materials to mechanical shock or extreme heat. A spill of this material will normally not require emergency response team capabilities.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Protect from heat.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

- 6.3 Methods and material for containment and cleaning up:
- Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to section 13.

Clean the affected area carefully; suitable cleaners are:

- Warm water and cleansing agent
- 6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

• 7.1 Precautions for safe handling Keep away from heat and direct sunlight. Handle with care. Avoid jolting, friction and impact.
• Information about fire - and explosion protection: Protect from heat. Substance/product can reduce the ignition temperature of flammable substances. Emergency cooling must be available in case of nearby fire.

(Cont'd. on page 7)

Printing date September 30, 2015

Revision: September 30, 2015

(Cont'd. from page 6)

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

Keep respiratory protective device available.

• 7.2 Conditions for safe storage, including any incompatibilities • Storage:

Requirements to be met by storerooms and receptacles:
 Avoid storage near extreme heat, ignition sources or open flame.
 Protect from humidity and water.
 Information about storage in one common storage facility:

Store away from foodstuffs. Store away from oxidising agents. Store away from flammable substances.

• Further information about storage conditions: Store in dry conditions.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see section 7.

· 8.1 Control parameters

· Ingredients v	vith limit values that require monitoring at the workplace:
2698-41-1 [(2	-chlorophenyl)methylene]malononitrile
PEL (USA)	Long-term value: 0,4 mg/m ³ , 0,05 ppm
REL (USA)	Ceiling limit: 0,4 mg/m³, 0,05 ppm Skin
TLV (USA)	Ceiling limit: 0,39 mg/m³, 0,05 ppm Skin
EL (Canada)	Short-term value: C 0,05 ppm Skin
EV (Canada)	Skin
57-50-1 sucro	ose, pure
PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 10 mg/m ³
EL (Canada)	Long-term value: 10 mg/m ³
EV (Canada)	Long-term value: 10 mg/m³ total dust
598-62-9 mar	nganese carbonate
PEL (USA)	Ceiling limit: 5 mg/m ³ as Mn
	(Cont'd. on page 8)

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

		(Cont'd. from page 7)
REL (USA)	Short-term value: 3 mg/m ³	
	Long-term value: 1 mg/m³ as Mn	
TLV (USA)	Long-term value: 0,02* 0,1* mg/m ³	
	as Mn; *respirable **inhalable fraction	
EL (Canada)		
	as Mn; R	
7440-21-3 sil		
PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction	
TLV (USA)	TLV withdrawn	
EL (Canada)	Long-term value: 10 mg/m ³	
EV (Canada)	Long-term value: 10 mg/m ³ total dust	
7429-90-5 alu	uminium powder (pyrophoric)	
PEL (USA)	Long-term value: 15*; 15** mg/m ³ *Total dust; ** Respirable fraction	
REL (USA)	Long-term value: 10* 5** mg/m ³ *Total dust **Respirable fraction	
TLV (USA)	Long-term value: 1* mg/m³ as Al; *as respirable fraction	
EL (Canada)	Long-term value: 1,0 mg/m ³ metal and insoluble compdounds, respirable	
EV (Canada)	Long-term value: 5 mg/m³ aluminium-containing (as aluminium)	
557-04-0 mag	gnesium distearate, pure	
TLV (USA)	Long-term value: 10 mg/m ³	
	rther relevant information available. rther relevant information available.	
 8.2 Exposure Personal pro 	e controls stective equipment:	
	ective and hygienic measures:	
The usual pre	ecautionary measures are to be adhered to when handling chemicals.	
	om foodstuffs, beverages and feed.	
	emove all soiled and contaminated clothing. before breaks and at the end of work.	
	dust / smoke / mist.	
	with the eyes and skin.	
		(Cont'd. on page 9)

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

(Cont'd. from page 8) · Respiratory protection: Respiratory protection required. Wear positive pressure NIOSH or European EN149 vapor respirators when deploying product in large quantities. Protection of hands: Gloves not required under normal conditions of use. Wear protective gloves to handle contents of damaged or leaking units. Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. · Eye protection: Safety glasses Body protection: Protective work clothing Limitation and supervision of exposure into the environment No further relevant information available. · Risk management measures See Section 7 for additional information. Organizational measures should be in place for all activities involving this product. No further relevant information available. SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties · General Information · Appearance: Form: Solid metal container containing liquid and solid contents. Colour: According to product specification Odourless · Odour: · Odour threshold: Not determined. · pH-value: Not applicable. · Change in condition Melting point/Melting range: Not Determined. Boiling point/Boiling range: Undetermined. · Flash point: Not applicable.

(Cont'd. on page 10)

Revision: September 30, 2015

Safety Data Sheet according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA GHS

Printing date September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

	(Cont'd. from page 9)
· Flammability (solid, gaseous):	Not determined.
· Auto/Self-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not self-igniting.
· Danger of explosion:	Heating may cause an explosion. Risk of explosion by shock, friction, fire or other sources of ignition.
 Explosion limits: Lower: Upper: 	Not determined. Not determined.
· Vapour pressure:	Not applicable.
 Density: Relative density Vapour density Evaporation rate 	Not determined. Not determined. Not applicable. Not applicable.
 Solubility in / Miscibility with water: 	Insoluble.
· Partition coefficient (n-octanol/water	r): Not determined.
 Viscosity: Dynamic: Kinematic: 9.2 Other information 	Not applicable. Not applicable. No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:
- No decomposition if used and stored according to specifications.
- 10.3 Possibility of hazardous reactions
 Toxic fumes may be released if heated above the decomposition point.
 Can react violently with oxygen rich (oxidising) material. Danger of Explosion.
 Reacts with flammable substances.

 10.4 Conditions to avoid
 Store away from oxidising agents.
 Keep ignition sources away Do not smoke.
 Cartridge may detonate if case is punctured or severely damaged.
 10.5 Incompatible materials: No further relevant information available.
 10.6 Hazardous decomposition products:
 Carbon monoxide and carbon dioxide
 Toxic metal oxide smoke
 Chlorine compounds

(Cont'd. on page 11)

Printing date September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

Nitrogen oxides

(Cont'd. from page 10)

Revision: September 30, 2015

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- · Acute toxicity
- Harmful if swallowed or if inhaled.
- · LD/LC50 values relevant for classification:

2698-41-1 [(2-chlorophenyl)methylene]malononitrile

Oral LD50 178 mg/kg (rat)

3811-04-9 potassium chlorate

Oral LD50 1870 mg/kg (rat)

- Primary irritant effect:
- · Skin corrosion/irritation
- Causes skin irritation.
- Serious eye damage/irritation Causes serious eye irritation.
- · Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

- May cause an allergic skin reaction.
- · Additional toxicological information:

Normal handling of the undeployed product poses little or no health hazards, One should avoid inhalation by wearing appropriate respiratory protection when exposed to the chemical ingredients of the product above listed TLV's or when exposed to the post ignition by-products. This product is a cansister which contains the various components completely sealed within. Therefore, under normal handling of this product, no exposure to any harmful materials will occur. When the product is used, particles may be generated which may be irritating to the eyes and the respiratory tract.

- Acute effects (acute toxicity, irritation and corrosivity): Harmful if inhaled.
- Repeated dose toxicity: Repeated exposures may result in skin and/or respiratory sensitivity.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure
- May cause respiratory irritation.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

2698-41-1 [(2-chlorophenyl)methylene]malononitrile

EC50 0,2-0,3 mg/kg (Oncorhynchus mykiss)

(Cont'd. on page 12)

OSHA GHS

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters
(Cont'd. from page 11) • 12.2 Persistence and degradability No further relevant information available. • 12.3 Bioaccumulative potential No further relevant information available. • 12.4 Mobility in soil No further relevant information available. • Ecotoxical effects: • Remark: Harmful to fish • Additional ecological information: • General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Harmful to aquatic organisms Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded. • 12.5 Results of PBT and vPvB assessment • PBT: Not applicable. • vPvB: Not applicable. • 12.6 Other adverse effects No further relevant information available.
SECTION 13: Disposal considerations
 13.1 Waste treatment methods Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

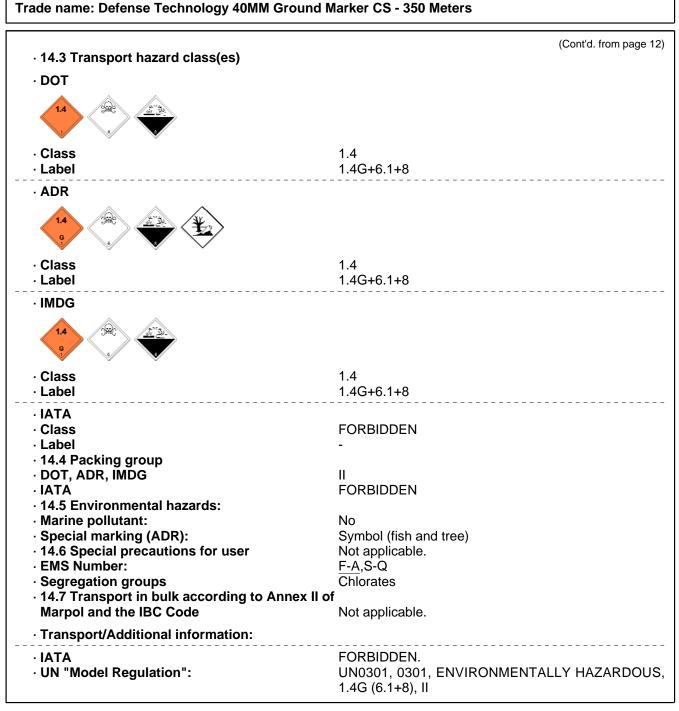
· Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
· 14.1 UN-Number		
· DOT, ADR, IMDG	UN0301	
	FORBIDDEN	
 14.2 UN proper shipping name 		
· DOT, IMDG	Ammunition Tear-producing with burster, expelling	
	charge or propelling charge	
· ADR	0301, Ammunition Tear-producing with burster,	
	expelling charge or propelling charge,	
	ENVIRONMENTALLY HAZARDOUS	
·IATA	FORBIDDEN	
	(Cont'd. on page 13)	

Printing date September 30, 2015

Revision: September 30, 2015



(Cont'd. on page 14)

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

(Cont'd. from page 13)

 15.1 Safety, health and environmental regulations/legislation specific for United States (USA) 	r the substance or mixtu
SARA	
Section 355 (extremely hazardous substances):	
None of the ingredients are listed.	
· Section 313 (Specific toxic chemical listings):	
None of the ingredients are listed.	
· TSCA (Toxic Substances Control Act):	
All ingredients are listed.	
· Proposition 65 (California):	
Chemicals known to cause cancer:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
Chemicals known to cause developmental toxicity:	
Present in trace quantities.	
None of the ingredients are listed.	
· Carcinogenic Categories	
· EPA (Environmental Protection Agency)	
598-62-9 manganese carbonate	
· IARC (International Agency for Research on Cancer)	
None of the ingredients are listed.	
· TLV (Threshold Limit Value established by ACGIH)	
2698-41-1 [(2-chlorophenyl)methylene]malononitrile	A
57-50-1 sucrose, pure	A
7429-90-5 aluminium powder (pyrophoric)	A
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients are listed.	
· Canada	
Canadian Domestic Substances List (DSL)	
Some components are listed on the NDSL. Not all ingredients listed.	
· Canadian Ingredient Disclosure list (limit 0.1%)	
598-62-9 manganese carbonate	

Printing date September 30, 2015

Revision: September 30, 2015

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

(Cont'd. from page 14)

· Canadian Ingredient Disclosure list (limit 1%)

2698-41-1 [(2-chlorophenyl)methylene]malononitrile

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I

None of the ingredients are listed.

· Other regulations, limitations and prohibitive regulations

• Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H201 Explosive; mass explosion hazard.

H228 Flammable solid.

H250 Catches fire spontaneously if exposed to air.

H261 In contact with water releases flammable gases.

H271 May cause fire or explosion; strong oxidiser.

H272 May intensify fire; oxidiser.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

· Abbreviations and acronyms:

Expl. 1.1: Explosives, Division 1.1 Expl. 1.4: Explosives, Division 1.4 Flam. Sol. 2: Flammable solids, Hazard Category 2 Pyr. Sol. 1: Pyorphoric Solids, Hazard Category 1 Water-react. 2: Substances and Mixtures which, in contact with water, emit flammable gases, Hazard Category 2

Ox. Sol. 1: Oxidising Solids, Hazard Category 1 Ox. Sol. 2: Oxidising Solids, Hazard Category 2 Acute Tox. 3: Acute toxicity, Hazard Category 3 Acute Tox. 4: Acute toxicity, Hazard Category 4 Acute Tox. 2: Acute toxicity, Hazard Category 2 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

(Cont'd. on page 16)

Printing date September 30, 2015

Revision: September 30, 2015

(Cont'd. from page 15)

Trade name: Defense Technology 40MM Ground Marker CS - 350 Meters

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2 Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3 **Sources** SDS 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