

Safety Data Sheet

Issue Date: 20-Apr-2015

Revision Date: 22-May-2018

Version 1

1. IDENTIFICATION

Product Identifier

Product Name 15 MM Signal Cartridges with Audible Effects (Bearbanger)

Other means of identification

SDS # VER-003-CA
Product Code 019-021
UPC Code 8 54096 00000 6
Synonyms None
UN/ID No UN0312

Recommended use of the chemical and restrictions on use

Recommended Use Variety of emergency and signaling uses
Uses Advised Against No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier

ABC Export Import Ltd
25889-38 Th. Ave.
Aldergrove, British Columbia V4W 2R4,
Canada

Emergency Telephone Number

Initial supplier phone number Please enter Initial Suppliers Phone Number here
Emergency Telephone (24 hr) CANUTEC – 1-888-226-8832

2. HAZARDS IDENTIFICATION

Emergency Overview Hazardous components- Contains pyrotechnical composition, a mixture of an oxidizer and a fuel that will rapidly burn when ignited

Appearance A plastic container having **Physical state** Solid **Odour** Odourless

aluminium or paper core insert filled with pyrotechnical mixture

Classification

Acute toxicity - Oral	Category 4
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Label Elements

Signal word

Warning

Hazard statements

Harmful if swallowed



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical Name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
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Potassium perchlorate	7778-74-7	45	-	-
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4. FIRST AID MEASURES

First Aid Measures

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	Call a POISON CENTRE/doctor/physician if you feel unwell. Rinse mouth.

Most important symptoms and effects

Symptoms Harmful if swallowed.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media	Flood with water, if small number of spilled pieces is involved. Do not use suffocation methods, composition provides its own oxygen.
Unsuitable extinguishing media	Not determined.
Specific hazards arising from the chemical	Shells initiate quickly and contain their own oxygen. Clear the surrounding area and get away. Avoid fire extinguishing, if at least one shipping carton is involved. Each item projects a flaming ball. Contact with strong acids or bases may cause fire or explosion.
Hazardous Combustion Products	Smoke, oxides of nitrogen, sulfur, magnesium, hydrogen monoxide.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up No smoking, open flames or sparking in vicinity of broken or spilled items. Sweep up carefully spilled items into cardboard container. Do not use vacuum cleaner.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Avoid sources of high temperature, smoking or open flames. Avoid contact with strong acids and alkali bases. Keep shipping cartons cool and dry. Store in dry area, below 71°C (160°F).

Incompatible materials Long exposure to water may cause deterioration. Devices should not get in any contact with strong acids and alkali bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection	No special protective equipment required.
Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid
Appearance	A plastic container having aluminium or paper core insert filled with pyrotechnical mixture
Colour	No information available
Odour	Odourless
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling Point / Boiling Range	Not determined	
Flash Point	No data available	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper Flammability Limit	Not determined	
Lower Flammability Limit	Not determined	
Vapour Pressure	Not determined	

Vapour Density	Not determined
Relative Density	Not determined
Water Solubility	Not determined
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	180 °C / 350 °F
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive properties	No information available.
Oxidising properties	No information available.

Other Information

Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk Density	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerisation	Will not occur.
Conditions to Avoid	Heat and open flame, other sources of ignition.
Incompatible Materials	Long exposure to water may cause deterioration. Devices should not get in any contact with strong acids and alkali bases.

Hazardous Decomposition Products Smoke, oxides of nitrogen, sulfur, magnesium, hydrogen monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye contact Avoid contact with eyes.
Skin contact Avoid contact with skin.
Inhalation Do not inhale.
Ingestion Harmful if swallowed.

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 303.80

Unknown acute toxicity No information available

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Magnesium 7439-95-4	= 230 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence/Degradability	No information available.
Bioaccumulation	No information available.
Other Adverse Effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT

UN/ID No	UN0312
Proper Shipping Name	Cartridges, signal
Hazard Class	1.4G
Packing Group	II

TDG

UN/ID No	UN0312
Proper Shipping Name	Cartridges, signal
Hazard Class	1.4G
Packing Group	II

IATA

UN/ID No	UN0312
Proper Shipping Name	Cartridges, signal
Hazard Class	1.4G
Packing Group	II

IMDG

UN/ID No	UN0312
Proper Shipping Name	Cartridges, signal
Hazard Class	1.4G
Packing Group	II

Revision Date: 22-May-2018

Revision Note: No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet