Safety Data Sheet

Kodiak Wildlife Deterrent Horn

May be used to comply with OSHA's Hazard Communication Standard,
29 CFR 1910. 1200(g). Standard must be reviewed for specific requirements.

Quick Identifier/ Rev. Date
03.01.2022

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **Kodiak Wildlife Deterrent Horn**

SYNONYMS: Air Horn

CHEMICAL NAME: Tetrafluoropropene

CHEMICAL FAMILY: Liquid propellant

PRODUCT USE: Handheld aerosol canister that produces a loud signal to alert wildlife of your presence at a distance which may prevent dangerous encounters.

MODEL #'s: KWDH, -H, -K, -KP, -KPR

Manufacturer's Name: SECURITY EQUIPMENT CORPORATION

Address: 747 SUN PARK DRIVE

City, State, Zip FENTON, MO 63026

Emergency Phone Number: 800-325-9568

Other Calls: 636-343-0200

Fax Number: 636-343-1318

Further Information obtainable from Info Trac. Tel.: +1-800-535-5053

Information in case of emergency: Tel.: +1-352-323-3500 Fax: +1-352-323-0005

SECTION 2 - HAZARDOUS IDENTIFICATION

Classification of the substance or mixture

GHS Label Elements, including precautionary statements

Pictogram:

GHS Pictogram

Signal Word: Warning

Hazard Statement(s)

H280 Contains gas under pressure; may explode if heated

Precautionary Statement(s)

P410 + P403 Protect from sunlight. Store in a well ventilated place.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	Content(s)	OSHA TWA	ACGIH TLV	Carcinogen (Yes / No)
1,3,3,3-Tetrafluoropropene (Propellant) CAS#: 29118-24-9	100%	1000 ppm	NO	No

SECTION 4 - FIRST AID MEASURES

Emergency & First Aid Procedures: Remove victim from contaminated area and remove contaminated clothing. Provide fresh air. Obtain medical advice is symptoms persist.

Routes Of Entry

1. Inhalation	Remove from contaminated area immediate. Provide fresh air. If breathing is difficult, administer oxygen. If the victim is not breathing, administer CPR. Seek immediate medical attention.
2. Eyes	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
3. Skin	Rapid evaporation of the liquid may cause frostbite. In case of contact with liquid, thaw frosted parts with water, then remove clothing carefully. Wash with plenty of water Consult a physician. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use.
4. Ingestion	As this product is a gas, refer to INHALATION First Aid Measures. Ingestion is unlikely because of the physical properties and is not expected to be hazardous.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Classification 16 CFR 1500.45:	**NON-FLAMMABLE**
Flash Point:	N/A **Auto-Ignition Temperature** >750° C (1382° F)
Extinguishing Media:	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Special Fire Fighting Procedures:	Wear respirator or self-contained breathing apparatus. (MSHA/NIOSH approved or equivalent).
Unusual Fire and Explosion Hazards:	Hazardous decomposition of product may include: reactions with fluorine (F) and chlorine (Cl) groups.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to follow if material is released:	Ensure adequate ventilation. Prevent further leakage, the product evaporates readily.
If inside:	Ventilate area
If outside:	Stay upwind
Waste Disposal Method:	Dispose of in accordance with current laws and regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions to be taken in handling & storage:	Store upright in a cool, dry area. Avoid direct light and heat. DO NOT STORE IN A VEHICLE. DO NOT expose to temperatures over 120º F / 50º C. DO NOT puncture or incinerate container, even after use. Do NOT spray on an open flame.
Other Precautions:	Assure can is in a secure place to prevent accidental rupture.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	Not normally required in well-ventilated areas, however, NIOSH approved respiratory protection may be required when the material is used in confined areas. Avoid overexposure for long periods in enclosed areas.
Ventilation:	Yes
Protective Gloves:	Suggested (not required)
Eye Protection:	Yes. Trainee exposure without protection in controlled training environment is acceptable.
Other Protective Clothing/Equipment:	Not required
Work/Hygienic Practices:	Avoid absorption of product on clothing. If absorbed in clothing, remove and wash clothes at once. Do not eat, drink, or smoke while handling product.
Engineering Controls:	Provide ventilation if working in confined areas.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance & Odor:	Colorless, slight ethereal odor	Physical State:	Liquefied gas
Boiling Point:	-19° C (-2° F)	Density:	1.2g/cm3
Solubility in Water:	1.5g/L	Vapor Density:	3.5

SECTION 10 - STABILITY AND REACTIVITY

Stability	Unstable	**Conditions To Avoid: Incompatibility** (Materials To Avoid): Oxidizing Substances, Possible incompatibility with alkali sensitive materials, powdered metals.
	Stable **X**	
Hazardous Polymerization:	May Occur	**Conditions To Avoid: Hazardous Decomposition**: Halogenated compounds, Hydrogen fluoride, Carbonyl halides, Carbon oxides
	Will Not Occur **X**	

SECTION 11 - TOXICOLOGICAL INFORMATION

Standard Draize Test: Skin, 500 mg	**Severity:**	N/A
Standard Draize Test: Eye, 100 mg	**Severity:**	N/A
ACUTE INHALATION LC50: Exposure Time: 4 Hours		> 500,000 ppm

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity to Fish: LC50, Rainbow Trout Exposure Time 96 hours	Value:	450 mg/L
Toxicity to Aquatic Plants: Growth Rate Green Algae Exposure Time 72 hours	Value:	> 118 mg/L
Toxicity to Microorganisms: EC10, Pseudomonas putida Exposure Time 6 hours	Value:	> 730 mg/L
Toxicity to Aquatic Invertebrates: EC50, Daphnia magna Exposure Time 48 hours	Value:	980 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Consult Federal, State, and Local Regulations

Evacuate contents in a safe area, & dispose of container.

SECTION 14 - TRANSPORT INFORMATION

DOT HM-181 INFORMATION

	GROUND	AIR
Proper Shipping Name:	LTD. QTY.	Aerosols, non-flammable
Hazard Class or Division:	none	2.2
Identification Number:	none	UN1950
Packaging Group:	none	none
Label(s) Required:	none	2.2 LTD. QTY.

INTERNATIONAL TRANSPORTATION REGULATIONS

Regulations vary from country to country. Check regulations for your country.

	GROUND	AIR	OCEAN
Proper Shipping Name:	LTD. QTY.	Aerosols, non-flammable	Aerosols, non-flammable
Hazard Class or Division:	none	2.2	2.2
Identification Number:	none	UN1950	UN1950
Packaging Group:	none	none	none
Label(s) Required:	none	2.2 LTD. QTY.	2.2 LTD. QTY.

SECTION 15 - REGULATORY INFORMATION

US TSCA

Australia Industrial Chemical Notification & Assessment Act

Canada CEPA and DSL

Japan Kashin-Hou Law List

Korea TCCL List

Philippines, Toxic Substances and Hazardous and Nuclear Waste Control Act

China, Inventory of Existing Chemical Substances

New Zealand, NZIOC

This product is on the inventory or in compliance with the inventory

SECTION 16 - OTHER INFORMATION

HMIS Ratings: **Health: 2** **Fire: 1** **Reactivity: 0**

Signs & Symptoms Of Exposure: Ingredients cause irritation through all routes of entry.

EYE: Liquid or vapors may cause redness, burning, tearing, swelling and/or pain.

SKIN: Frequent or repeated contact with skin may cause burning, redness or skin irritation and dermatitis.

INGESTION: Ingestion may cause irritation to the mouth, throat and stomach, as well as nausea, vomiting, and/or diarrhea.

INHALATION: May cause irritation of the respiratory tract as coughing, sneezing, gagging, chest tightness and irritation to the throat and lungs.

MEDICAL CONDITIONS AGRAVATED: May cause more severe, temporary, effects on those persons who are asthmatics or suffer from emphysema.

CARCINOGEN DATA: None of the Ingredients in this product are listed with OSHA, IARC or NTP as carcinogenic.

Format and Preparation Complies with ANSI Z400.1-1993

DISCLAIMER: This brief provides a general overview of the safety data sheet requirements in the Hazard Communication Standard (see 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200(g). It does not alter or determine compliance responsibilities in the standard or the Occupational Safety and Health Act of 1970. Since interpretations and enforcement policy may change over time, the reader should consult current OSHA compliance requirements. Please note that states with OSHA-approved state plans may have additional requirements for chemical data sheets, outside of those outlined above. For more information on those standards, please visit http://www.osha.gov/dcsp/osp/statestandards.html.