

# REFLEX PROTECT<sup>®</sup> TACTICAL

## INERT AEROSOLS Safety Data Sheet

DATE OF PREPARATION: November 16, 2023

MANUFACTURING LOCATION: Canton, Ohio

EMERGENCY TELEPHONE:

(954) 565-8475

AFTER HOURS 800-424-9300

### SECTION 1 PRODUCT IDENTIFICATION

Product Name: Inert Training Spray

Product Number: Various Sizes

Product Class: Self Defense Spray, Aerosol

D.O.T. Shipping Class: ORM-D Consumer Commodity, Aerosol Non Flammable 2.2 UN1950 Ltd Qty

### SECTION 2 HAZARDOUS IDENTIFICATION

EYE - N/A.

SKIN - N/A.

INHALATION: N/A

INGESTION N/A

PEL Permissible exposure level – N/A

GHS HAZARD IDENTIFICATION CATEGORY 2

NON FLAMMABLE COMPRESSED GAS UNDER PRESSURE

WARNING: HANDLE WITH CARE



GHS04

GHS07

### GHS-US labeling

Hazard pictograms (GHS-US) :

GHS04

GHS07

Signal word (GHS-US) : Danger

Precautionary statements (GHS-US) : P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking

P233 - Keep container tightly closed

P312 - Call a POISON CENTER or doctor/physician if you feel unwell

P501 - Dispose of contents/container to comply with local, state and federal regulations

P235 - Keep cool

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE
		TLV	PEL	
<b>PROPRIETARY BLEND CARRIER</b>		103	145	17.1
<b>2003 SPECIAL FORMULA 2K3</b>				
<b>TRADE SECRET:</b> As defined in Hazard Communication Act 29 CFR 1910.1200 Para 1 (i) end Appendix D to CFR 1910.1200				
<b>PROPELLANT</b> Nitrogen CAS#7727-37-9		1000ppm	1000ppm	86
<b>ACTIVE INGREDIENTS</b>				
WATER				

### SECTION 4 FIRST AID MEASURES.

**PRIMARY ROUTE (S) OF ENTRY:** Dermal, Inhalation, Eyes

**EMERGENCY AND FIRST AID PROCEDURE:**

**EYES:** Wash face with mild soap.

**SKIN CONTACT:** Remove with dry towel or cloth

**INHALATION:** N/A

**EYE EFFECTS** This product is training device. It causes no eye irritation.

### SECTION 5 FIRE FIGHTING MEASURES

#### FIRE AND SAFETY EXPLOSION HAZARD DATA

**Flammability Classification OSHA:** Non Flammable

**Shipping Classification D.O.T.:** ORM-D

**Flash Point:** Not Determined exceeds 300°F

**Flammable Levels in Air:** Lower: N/A Upper: N/A

**Extinguishing Media:** Foam, Water Fog, CO<sup>2</sup>

**Unusual Fire and Explosion Hazards:** Do not expose to heat or flame or store above 120°F as high internal pressures may cause leaking.

**Special Fire Fighting Procedures:** Suitable extinguishing media, dry chemical, carbon dioxide, water spray. Full protective equipment including self contained breathing apparatus should be used, Fog nozzles should be used to cool closed containers to prevent pressure buildup. Move undamaged containers from fire area if accomplished without risk.

**Precaution for Fire Fighting:** No flash point. This products contains halogens which inhibit flashing until the solvent has evaporated away. Use water spray to cool containers until fire is out.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbent. Wear protective equipment during clean up.

**WASTE DISPOSAL:** Dispose of in accordance with Local, State and Federal Regulations  
Personal Precautions Persons not wearing protective equipment should be excluded from the area of the spill until clean up is completed.

**Methods for Clean Up:** Keep in suitable containers for disposal soak up spill with absorbent pads, absorbent socks or loose absorbent.

Other; comply with all applicable federal, state and local regulations.

## SECTION 7 HANDLING AND STORAGE

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved Chemical/Mechanical type filter system to remove a combination or particles, gas & vapor. Use air line if necessary.

**VENTILATION:** Use adequate ventilation in volume and pattern to keep LEL and TLV's in Section 8 below recommended level. General mechanical ventilation should comply with OSHA 1910.94.

**PROTECTIVE GLOVES:** Use rubber gloves.

**EYE PROTECTION:** Safety glasses or goggles with splash guards or side shields.

**OTHER PROTECTIVE EQUIPMENT:** Prevent prolonged skin contact to contaminated clothing.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE
		TLV	PEL	
PROPRIETARY BLEND CARRIER		103	145	

### 2016 SPECIAL FORMULA NF

**TRADE SECRET:** As defined in Hazard Communication

Act 29 CFR 1910.1200 Para 1 (i) end  
Appendix D to CFR 1910.1200

**PROPELLANT** Nitrogen CAS#7727-37-9 1000ppm 1000ppm

### ACTIVE INGREDIENTS

WATER

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid and Non Flammable gas in an aerosol can
<b>Boiling Range:</b>	-19°C (-15°F) for gas 245°C/250.3°F for liquid
<b>Vapor Pressure:</b>	86 PSI @ 25°C -77°F
<b>Vapor Density:</b>	4.3 (air=1) Heavier than air
<b>Percentage Volatile by weight:</b>	99%
<b>Evaporation Rate:</b>	1.7 (Butyl Acetate=1)
<b>Weight per gallon:</b>	>9 lbs.
<b>Specific Gravity:</b>	1.6 @ 60° F

**Appearance:** Amber Liquid  
**Odor:** Odorless  
**Lower explosive Limit:** No Data Available  
**Upper explosive Limit:** No Data Available

## SECTION 10 STABILITY REACTIVITY

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**CONDITIONS TO AVOID:** Heat, open flames.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong Acids, Alkalies and Oxidizers.

## SECTION 11 TOCICOLGICAL INFORMATION

**EYE EFFECTS** This product is an inert training device.

## SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to Fish  
NOEC:>.117 MG/1  
Exposure time: 96 h  
Species: Cyprinus carpio (Carp)

Toxicity to daphnia and other aquatic invertebrates  
ECO50:> 96 h  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)

Toxicity to algae  
Growth inhibition  
NOEC:> 170 MG/1  
Exposure time: 72 h  
Species: Algae

Elimination Information  
(persistence and degradability)

Biodegradability aerobic  
Result: Not readily biodegradable.

Further Information on ecology

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone – CAA Section 602 Class 1 Substances

Remarks This product neither contains, nor was manufactured with a Class 1 or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B)

Additional ecological information An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life.

### **SECTION 13 DISPOSAL CONSIDERATION**

(See Section 15 for Regulatory information)

**DISPOSAL:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. THE COMPANY HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OR PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 2 (Composition/Information On Ingredients).

FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed. Permitted recycler, reclaimer, incinerator or other thermal destruction device.

### **SECTION 14 TRANSPORTATION INFORMATION**

UN1950 Aerosols Non Flammable

### **SECTION 15 REGULATORY INFORMATION**

((Not meant to be all-inclusive—selected regulations represented))

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; with federal, state or provincial and local laws. The following specific information is made for the purpose of complying with numerous federal state or provincial, and local laws and requisitions.