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#### SAFETY DATA SHEET

DATE OF PREPARATION: March 17, 2022 AMMENDED MAY 1, 2022 EMERGENCY TELEPHONE #: (954) 565-8475  
AFTER HOURS 800-424-9300

#### MANUFACTURED FOR

#### SECTION 1 PRODUCT IDENTIFICATION

Product Name: CS teargas/OC pepper gas Aerosols various sizes  
Product Number: Various Sizes  
Product Class: Subject Control Spray 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** May cause pain. May cause slight transient (temporary) eye irritation, symptoms include stinging, tearing, redness and swelling of eyes.

**SKIN** Short single exposure may cause skin irritation. Repeated contact may cause drying or flaking. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

**INHALATION:** Irritant, stimulation of facial nerves causes feeling of restricted airway. No danger exists for asphyxiation. Remove persons to fresh air.

**INGESTION** Single dose oral toxicity is considered to be extremely low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury.

Acute Severe but short term

Chronic Lasting along time or recurring

Irritant A Chemical which is not corrosive but which causes a reversible inflammatory effect on living tissue by chemical reaction.

PEL Permissible exposure level – the exposure limit which shall not be exceeded as an eight hour time weighted average.

CS/OC is a strong irritant effecting skin, eyes nose and breathing. It is a non-persistent acute (short term) exposure which can be relieved with running water and soap for cleanup of the oleoresin capsicum. One of the solvents used is a suspected carcinogen in laboratory testing with **chronic** exposure. No health risk has been found from **acute** exposure

NON FLAMMABLE COMPRESSED GAS UNDER PRESSURE  
WARNING: HANDLE WITH CARE



GHS-US labeling

Hazard pictograms (GHS-US) :

GHS04

GHS07

Signal word (GHS-US) : Danger

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

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

P233 - Keep container tightly closed

P264 - Wash exposed skin thoroughly after handling

P280 - Wear eye protection, face protection, protective clothing, protective gloves

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

P337+P313 - If eye irritation persists: Get medical advice/attention

P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2) to extinguish

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

P235 - Keep cool

If inhaled: Remove person to fresh air and keep comfortable for breathing

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

| INGREDIENT  | OCCUPATIONAL EXPOSURE LIMITS | VAPOR PRESSURE |                   |
|---|------------------------------|----------------|-------------------|
|   |                              | TLV            | PEL               |
| <b>TRADE SECRET:</b> As defined in Hazard Communication Act 29 CFR 1910.1200 Para 1 (i) end Appendix D to CFR 1910.1200 |                              | 103            | 145 17.1          |
| <b>PROPELLANT-Dymel 134a CAS#811-97-2</b>   | <b>1000ppm</b>               |                | <b>1000ppm 86</b> |
| <b>ACTIVE INGREDIENTS</b>   |                              |                |                   |
| ORTHOCHLOROBENZALMALONONITRILE  | .05                          |                | 05                |
| OLEORESIN CAPSICUM  | NOT KNOWN                    |                |                   |
| OC is on the FDA GRAS list, Generally Recognized As Safe  |                              |                |                   |

**SECTION 4 FIRST AID MEASURES.**

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

**EMERGENCY AND FIRST AID PROCEDURE:**

**EYES:** Flush eyes with large quantities of water to speed recovery. Face subject into wind or forced air source such as fans or air conditioning outlet. Wash face with mild soap

**SKIN CONTACT:** Remove contaminated clothing. Wash affected area with soap and water to avoid transfer to more sensitive areas. Burning sensation with skin contact in most areas. Use no creams or salves. Persons with preexisting skin disorders may be more susceptible to the effects of this agent. Remove contaminated clothing

**INHALATION** Irritant stimulation of facial nerves causes feeling of restricted airway. No danger exists for

asphyxiation Remove persons to fresh air. Move individual away from exposure to fresh air.

**EYE EFFECTS** This product is an eye irritant. Tearing and redness may occur. This product has been thoroughly tested by FDA approved Labs and has been found to have minor non persistent eye irritation, to be non toxic, and not to cause dermatitis.

## **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<sub>2</sub>

**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 product 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:** Incinerate in an approved incinerator or 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<br>PRESSURE  | PERCENT       | OCCUPATIONAL VAPOR<br>EXPOSURE LIMITS |            |
|---|---------------|---------------------------------------|------------|
|   |               | TLV                                   | PEL        |
| <b>PROPRIETARY BLEND CARRIER</b><br><b>2016 SPECIAL FORMULA NF</b>  |               | <b>103</b>                            | <b>145</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> Dymel 134 A cas3 811-97-2  |               | 1000ppm                               | 1000ppm    |
| <b>ACTIVE INGREDIENTS</b>   |               |                                       |            |
| ORTHOCHLOROBENZALMALONONITRILE  | .05           | 05                                    | N/A        |
| OLEORESIN CAPSICUM  | NOT REGULATED |                                       |            |
| OC is listed on FDA GRAS List Generally Recognized As Safe  |               |                                       |            |

## 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>                 | <b>86 PSI @ 25°C -77°F</b>                     |
| <b>Vapor Density:</b>                 | 3.0 (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>             | >8 lbs.  |
| <b>Specific Gravity:</b>              | 1.1 @ 60° F                                    |
| <b>Appearance:</b>                    | Amber Liquid                                   |
| <b>Odor:</b>                          | Slight Pungent Odor                            |
| <b>Lower explosive Limit</b>          | No Data Available                              |
| <b>Upper explosive Limit</b>          | No Data Available                              |

## SECTION 10 STABILITY REACTIVITY

|  |  |
|--|--|
| <b>STABILITY:</b>                            | Stable                                 |
| <b>HAZARDOUS POLYMERIZATION:</b>             | Will Not Occur                         |
| <b>CONDITIONS TO AVOID:</b>                  | Heat, open flames.                     |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> | Strong Acids, Alkalines and Oxidizers. |

## SECTION 11 TOCICOLGICAL INFORMATION

**EYE EFFECTS** This product is an eye irritant. Tearing and redness may occur. This product has been thoroughly tested by FDA approved Labs and has been found to have minor non persistent eye irritation, to be non toxic, and not to cause dermatitis.

## SECTION 12 ECOLOGICAL INFORMATION

|   |  |
|---|--|
| Ecotoxicity effects                                 |  |
| Toxicity to Fish                                    | NOEC:>.117 MG/1<br>Exposure time: 96 h<br>Species: Cyprinus carpio (Carp)  |
| Toxicity to daphnia and other aquatic invertebrates | ECO50:> 96 h<br>Exposure time: 48 h<br>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 MATAERIAL. 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 PRDOUCT, the preferred options in clued sending to a licensed. Permitted recycler, reclaimer, incinerator or other thermal destruction device.

### **SECTION 14 TRANSPORTATION INFORMATIAON**

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.

Warning this product contains a chemical known to the State of California to Cause Cancer