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| MODEL No. | DESCRIPTION: |
| MK-4 Various | MK-4 Aerosol Defense |
| | REV D 2/20 |



WARNING: CSI manufactures a variety of CTS less lethal products which are under pressure, pyrotechnic, incendiary, emit projectiles, generate smoke, or are explosive in nature. When used in accordance with CTS training guidelines and the individual agency's policy, they are intended to cause varying degrees of pain and injury, which are temporary. These products are restricted to law enforcement, corrections, and military personnel and are used to gain compliance, disperse crowds, restore order, or temporarily incapacitate dangerous persons. In rare circumstances, if used incorrectly, CTS less-lethal products may cause damage to property, serious bodily injury or death. Therefore, any person using the force option depicted on this page should receive proper training to ensure the safest and most effective use.

PHYSICAL & OPERATIONAL

| | | |
|------------------|----------------------------|----------|
| Height | 6.25" | 15.87 cm |
| Diameter | 1.50" | 3.81 cm |
| Material | Seamless Aluminum Rated 2Q | |
| Firing Mechanism | Spring Loaded Flip-Top | |

SHIPPING INFORMATION

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|----------------------|--------------------------|
| UN Number | 1950 |
| Shipping Name | ORM-D Consumer Commodity |
| Hazard Class | 2.2 |
| Labels Required | Aerosols Non-Flammable |
| Quantity Per Package | 25 |
| Total Package Weight | |
| Package Type | Carton |
| Package Dimensions | 9 ½ x 8 9/16 x 6 5/8 |

*Active ingredients in this formulation consist of 10%OC and 2%CS, 2-Chlorobenzalmalononitrile

Effectiveness is dependent upon environmental factors, especially wind. Operators should ensure that the wind or even a breeze is at their back prior to deployment.



PRODUCT SPECIFICATIONS

| Spray Type | Model Number | BOV* | Propellant | Formulation Weight | Major Capsaicinoids** | Effective Range | ECD Safe*** | Warranty |
|----------------|--------------|------|------------|--------------------|-----------------------|-----------------|-------------|----------|
| Level 1 Stream | 1418 | Yes | Air | 2.99 oz 85 gms | 0.20% | Up to 18' 5.4 M | Yes | 5 Years |
| Level 2 Stream | 1428 | Yes | Air | 2.99 oz 85 gms | 0.72% | Up to 18' 5.4 M | Yes | 5 Years |
| Level 2 Foam | 1422 | No | 1234ze | 3.5 oz 99 gms | 0.72% | Up to 8' 2.4 M | Yes | 5 Years |
| Level 2 Fog | 1423 | No | 1234ze | 3.5 oz 99 gms | 0.72% | Up to 12' 3.6 M | Yes | 5 Years |
| Level 2 Gel | 1424 | No | Nitrogen | 2.8 oz 79 gms | 0.72% | Up to 15' 4.5 M | Yes | 5 Years |
| Level 3 Stream | 1438 | Yes | Air | 2.99 oz 85 gms | 1.33% | Up to 18' 5.4 M | Yes | 5 Years |
| Level 3 Foam | 1432 | No | 1234ze | 3.5 oz 99 gms | 1.33% | Up to 8' 2.4 M | Yes | 5 Years |
| Level 3 Fog | 1433 | No | 1234ze | 3.5 oz 99 gms | 1.33% | Up to 12' 3.6 M | Yes | 5 Years |
| Level 3 Gel | 1434 | No | Nitrogen | 2.8 oz 79 gms | 1.33% | Up to 15' 4.5 M | Yes | 5 Years |
| OC/CS Stream | 1441 | No | Nitrogen | 3.75 oz 106 gms | 1.33 | Up to 15' 4.5 M | Yes | 5 Years |
| OC Vapor | 1447 | No | 1234ze | 3.75 oz 106 gms | 13.0 | Up to 7' 2.1 M | Yes | 5 Years |
| Inert Stream | 1408 | Yes | Air | 2.99 oz 85 gms | N/A | Up to 18' 5.4 M | Yes | 5 Years |
| Inert Foam | 1402 | No | 1234ze | 3.5 oz 99 gms | N/A | Up to 8' 2.4 M | Yes | 5 Years |
| Inert Fog | 1403 | No | 1234ze | 3.5 oz 99 gms | N/A | Up to 12' 3.6 M | Yes | 5 Years |
| Inert Gel | 1404 | No | Nitrogen | 2.8 oz 79 gms | N/A | Up to 15' 4.5 M | Yes | 5 Years |

***BOV** is an abbreviation for an aerosol incorporating bag on valve technology, a liquid filled mylar bag welded to the valve and surrounded by a compressed air.

** **Major Capsaicinoids** refers to the volume by weight of a group of organic compounds, known as capsaicinoids, producing the sensation of felt heat or pungency in a given solution. The percentage of weight is derived from using a method referred to as ASTA Method 21.1.

*** **ECD Safe** is an abbreviation for "Electronic Control Device Safe." It refers to the aerosol defense model being safe to use with devices like a Taser during the foreseeable circumstances of a law enforcement or corrections encounter.