

SAFETY DATA SHEET

 according to Regulation (EC) No. 1907/2006 (REACH)
amended by 2015/830/EU

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- 1.1 **Product identifiers**
PRODUCT NAME: Umarex Walther Cone, PRO SECUR
SYNONYMS: Pepper Spray, OC Spray
CHEMICAL NAME: Oleoresin Capsicum (Red Pepper)
CHEMICAL FAMILY: Irritant Agent
MODEL #'s: UM-14-OC-Cone, 2.2012; UM-MK-2-Cone, 2.2013; UM-MK-3.5-Cone, 2.2015; UM-FHP, 2.2020
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
PRODUCT USE: Handheld aerosol canister that sprays an irritating formula in the eyes, nose and mouth of a person threatening your personal safety.
- 1.3 **Details of the supplier of the safety data sheet**
Manufacturer's Name: UMAREX GmbH & Co. KG Website: <https://www.umarex.de>
Address: Donnerfeld 2 E-Mail: service@umarex.de
City, State, Zip 59757 Arnsberg Phone: +49 2932 / 638 01
- Imported By:** UMAREX GmbH & Co. KG
Address: Donnerfeld 2
City, State, Zip 59757 Arnsberg
- 1.4 **Emergency telephone number** +49 2932 638 429
Further Information obtainable from Info Trac. +49 2932 638 429
Information in case of emergency: +49 2932 638 429 oder +49 2932 638 224

SECTION 2 - HAZARDOUS IDENTIFICATION

- 2.1 **Classification of the substance or mixture**
GHS classification in accordance with 29 CFR 1910 (OSHA HCS)
Flammable Aerosol (Category 2), H223
Pressurized Container, H280
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Respiratory sensitization (Category 1), H334
Specific target organ toxicity single exposure (Category 3), Respiratory system, H335
- 2.2 **GHS Label Elements, including precautionary statements**



Signal Word: Warning

Hazard Statement(s)

H223	Flammable Aerosol
H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation

Precautionary Statement(s)

P102	Keep out of reach of children
P210	Keep away from heat / sparks / open flame / hot surfaces - NO SMOKING
P211	Do not spray on an open flame or other ignition source
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P285	In case of inadequate ventilation wear respiratory protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present
P337 + P313	IF EYE IRRITATION PERSISTS: Get medical advice / attention
P410	Protect from sunlight
P412	Do NOT expose to temperatures exceeding 50°C / 122°F

3.2 Mixtures

Component	Classification	Concentration
Trans-1,3,3,3-tetrafluoroprop-1-ene CAS# 1645-83-6	H280	50%
2-(2-butoxyethoxy)ethanol CAS# 112-34-5	H319	25-30%
Propane-1,2-diol CAS# 57-55-6	N/A	10-15%
Oleoresin Capsicum CAS# 8023-77-6	H315; H319; H334; H335	10%

Full text of H statements mentioned in this section is located in Section 16.

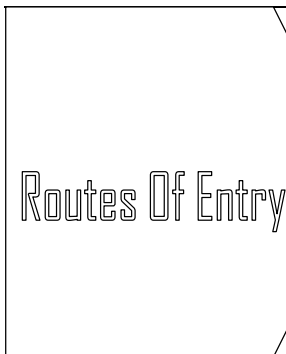
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SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures

Emergency & First Aid Procedures: Remove victim from contaminated area and remove contaminated clothing. Provide fresh air, irrigate with copious amounts of cool water. Obtain medical advice if symptoms persist.



- 1. Inhalation** Remove from contaminated area immediately. Provide fresh air. If breathing is difficult, administer oxygen. If the victim is not breathing, administer CPR. Seek immediate medical attention.
- 2. Eyes** Only exposed subject or EMS should remove subject's contact lenses. Irrigate with cool water for at least 15 minutes, or until relieved. Seek medical attention if irritation persists.
- 3. Skin** Flush with cool water for at least 15 minutes. Wash with mild soap and water. Seek medical attention if irritation persists.
- 4. Ingestion** DO NOT INDUCE VOMITING. If victim is conscious and not convulsing, rinse mouth with water. Ingest milk or water. Call 800-535-5053 or obtain medical advice immediately. If victim is convulsing or unconscious, do not give anything by mouth, ensure the victim's airway is open and lay the victim on his/her side with the head lower than the body. IMMEDIATELY transport the victim to a hospital.

4.2 Most important symptoms and effects, both acute and delayed

The most important symptoms and effects are described in the labelling (Section 2.2) and/or in Section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Halon, Carbon Dioxide, Dry Chemical or Water

5.2 Special hazards arising from substance or mixture

Smoke would be irritating to eyes and mucous membranes. Containers may burst in the heat of a fire.

5.3 Advice for firefighters

Wear respirator or self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation.

6.2 Environmental controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Wipe up small spills with absorbent material. With large spills, use respiratory equipment to avoid irritation and collect absorbent materials. If inside ventilate area and after absorbent process, wash area with soap and cold water. If outside stay upwind.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use only with adequate ventilation/personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store upright in a cool, dry area. Avoid direct light and heat.

DO NOT expose to temperatures over 120° F / 50° C.

DO NOT puncture or incinerate container.

Assure can is in a secure place to prevent accidental rupture.

7.3 Specific end use(s)

See section 1.2

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-no.	Value	Control parameters	Basis
2-(2-butoxyethoxy)ethanol	112-34-5	TWA	10 ppm	US (ACGIH) 2013
Trans-1,3,3,3-tetrafluoroprop-1-ene	1645-83-6	Other	800 ppm	Honeywell AEL

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8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling. Use adequate ventilation.

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.

Hand protection

Use chemical resistant gloves appropriate to conditions of use is suggested. Wear chemical resistant gloves such as: Nitrile rubber; Latex

Eye Protection

Safety glasses with side shields. Exposure without protection in training environment is acceptable.

Skin and body protection

No special clothing/skin protection is recommended under normal conditions of anticipated use.

Hygiene measures

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.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES Page 2 of 4

9.1 Information on basic physical and chemical properties

- | | |
|---|------------------------------------|
| a) Appearance | Form: liquid
Colour: red-orange |
| b) Odour | Pungent |
| c) Odour threshold | No data available |
| d) pH | No data available |
| e) Melting point/freezing point | |
| f) Initial boiling point and boiling range | 230° C (446° F) |
| g) Flash point | >106° C (228° F) |
| h) Evaporation rate | No data available |
| i) Flammability (solid, gas) | No data available |
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapour pressure | |
| l) Vapour density | No data available |
| m) Relative density | 0.95 @ 20° C |
| n) Water solubility | Soluble |
| o) Partition coefficient: n-octanol/water | No data available |
| p) Auto-ignition temperature | 228° C (442° F) |
| q) Decomposition | No data available |
| r) Viscosity | No data available |
| s) Explosive properties | No data available |
| t) Oxidising properties | No data available |

9.2 Other safety

No data available

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

Not expected to occur.

10.4 Conditions to avoid

High temperatures. Oxidising conditions.

10.5 Incompatible materials

Strong oxidising agents, strong acids, alkalis

10.6 Hazardous decomposition products

No data available

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SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity
 ACUTE INHALATION LC50 (rat): > 100.5 mg/L
Skin corrosion/irritation
 Standard Draize Test: Skin, rabbit, 500 mg Severity: Slightly Irritating
Serious eye damage/irritation
 Standard Draize Test: Eye, rabbit, 100 mg Severity: Moderately Irritating
Respiratory or skin sensitization
 No data available
Germ cell mutagenicity
 No data available
Carcinogenicity
 No data available
Reproductive toxicity
 No data available
STOT-single exposure
 No data available
STOT-repeated exposure
 No data available
Aspiration hazard
 No data available

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity
 Toxicity to fish No data available
 Toxicity to daphnia and other aquatic invertebrates No data available
 Toxicity to algae No data available
12.2 Persistence and degradability
 Biodegradability: No data available
12.3 Bioaccumulative potential
 Bioaccumulation No data available
12.4 Mobility in soil
 No data available
12.5 Results of PBT and vPvB assessment
 No data available
12.6 Other adverse effects
 No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
 Product Dispose of waste in accordance with all federal, state, and local environmental regulations.
 Packaging Evacuate contents in a safe, well ventilated area and dispose of container.

SECTION 14 - TRANSPORT INFORMATION

DOT HM-181 INFORMATION

	<u>GROUND</u>	<u>AIR</u>
Proper Shipping Name:	Aerosol, Flammable	Aerosol, Flammable
Hazard Class or Division:	2.1	2.1
Identification Number:	UN1950	UN1950
Packaging Group:	none	none
Label(s) Required:	2.1	FLAMMABLE GAS

INTERNATIONAL TRANSPORTATION REGULATIONS

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

	<u>GROUND</u>	<u>AIR</u>	<u>OCEAN</u>
Proper Shipping Name:	Aerosol, Flammable	Aerosol, Flammable	Aerosols, Flammable
Hazard Class or Division:	2.1	2.1	2.1
Identification Number:	UN1950	UN1950	UN1950
Packaging Group:	none	none	none
Label(s) Required:	2.1	FLAMMABLE GAS	2.1

SECTION 15 - REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT: This product is in compliance with the U.S. Toxic Substances Control Act (TSCA) inventory requirements.

SARA TITLE III, SECTION 313: CAS# 112-34-5
CLEAN AIR ACT (CAA): Not Listed
CLEAN WATER ACT (CWA): Not Listed
CALIFORNIA PROPOSITION 65: Not Listed
MASSACHUSETTS RIGHT TO KNOW: CAS# Not Listed
PENNSYLVANIA RIGHT TO KNOW: CAS# 112-34-5 57-55-6
NEW JERSEY RIGHT TO KNOW: CAS# 112-34-5 57-55-6
CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEMS (WHMIS): Not Listed

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H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation

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.**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.

Disclaimer: The information contained in this document is believed correct based on our current knowledge and sources thought to be technically accurate. The information in this document is not exhaustive and should be used only as a guide to determine appropriate safety precautions for the use of this product. User is responsible for evaluating available information to comply with all Federal, State, Provincial, and Local laws and regulations.