

Safety Data Sheet acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations
Standards must be reviewed for specific requirements.

Section 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

PRODUCT NAME: SABRE Red Civilian Stream

CHEMICAL NAME: Oleoresin Capsicum (Red Pepper)

SYNONYMS: Pepper Spray, OC Spray

CHEMICAL FAMILY: Irritant Agent

MODEL #'S: KR-14-OC; KR-14-PK20C; KR-14-PKCAM-02; KR-14-CAMO-02; HC-14-AC-OC; HC-14-BK-OC-JP; HC-14-MT-US-JP; HC-14-PK-OC-JP; HCPA-PKOC-JP; HCPA-BKOC-JP; SPKC-14-PC-OC,-GC-OC; P-22-OC, P-22-OC-SP P-22-PK-OC-SP; P-22-PK-SP, P-22-STU-01; STUHC-14-BK-OC; SRU-HAPK; KR-14-US-01, -02; HC-14-DP-US-01, HC-14-LG-US-02, HC-14-BK-US-01, -02; HC-14-BK-US, -PK-US, -RD-US; HC-14-MT-02; HC-MT-23OC; KR-NBCF-02; HC-NBCF-01, -02, -03, -04; P-22J-PK-US; CY-35-US; SPKCR-14-US; MK-3-AM-US; KR-DL-100, -IRC-02; SCK-01; GNO-PK; GNO-BK; 14-OC-US; KR-NBCF-DL-02; HC-TQ-230C; HC-BK-230C; HC-PK-230C; HCPA-BKOC, -PKOC, -RDOC; SR-MK-20, -R; KR-UF; F15-PROC; F15-MTOC; F15-BKOC-Q; F15-PKOC-Q; F15-PK2OC; KR-DL-200-02; MD-LV-02 M-60L-OC-EU, M-120L-OC, M-120FT-OC-EU, BG-M-60L-NH-OC-EU, BG-M-120L-NH-OC-EU, BG-M-120FT-NH-OC-EU, LS-22-US, SST-01-BK-US, SST-01-PK-US; PL-01; HC-KRS-02; KR-DL-T-200-02; HC-MT-AMZ-02; TG-SK; TG-L; TG-14BK; SE-BK-01-JP; SE-MT-01-JP; P-22-OC-GR; KR-MT-02-GR; P-22-PK-OC-GR, LG-01, F15-MTOC, Pepperem-01, M-60-OC; HC-14-MT-01; HC-DP-AMZ-02, KR-14-CAMO-02, PL-14-01, P-22-CAMO-AMZ, SPS-14-BK; SPS-14-BK / SPS-14-BK-AMZ;

14-R-OC / 14-R-OC-AMZ; P-22-OC-ORI; MD-BK-02; MD-MT-02; RU-KR; TAL-KR-14-US-02; KR-J-LV-02; KR-J-BK-02; SR-KIT-KR-J-2; HC-14-GL-02; KR-LBGR-02; KR-LBBL-02; KR-LBPK-02; KR-BBYW-02; F15-BK-FIN-PA; PB-BKOC-STU-04; PB-PKOC-STU-04; PB-LVOC-STU-04, KR-J-BK-02, KR-J-PK-02, KR-LVP-02, KR-TLP-02, F15PA-MBOC-TEX, F15PA-BKOC-TEX, F15PA-SNOC-TEX, F15-BKSGOC-04, HC-BKLV-01, HC-14-BK-US-02; DNS-MD-BKPK-04

1.2 Relevant identified uses of the substance or mixture and uses advised against

PRODUCT USE: Personal Safety

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer's Name: Security Equipment Corporation

Address: 747 Sunpark Drive

City, State, Zip: Fenton, MO 63026 USA

1.4 Emergency phone number: (800)325-9568

Further information obtainable from Info Trac & information in case of emergency:

Phone: +1(800)535-5053

Phone: +1(352)323-3500

Fax: +1(352)323-0005

Section 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

H319: Serious eye damage/Eye irritation (Category 2A)

H315: Skin corrosion/irritation (Category 2)

H223: Flammable aerosols; DOT Standard 49 CFR 173-115 (Category 2)

H280: Gases under pressure, (Compressed Gas)

H334: Sensitization, respiratory (Category 1), Signal Word-Danger

H335: Specific target organ toxicity single exposure; Respiratory tract irritation (Category 3)

2.2 Label Elements:

GHS pictograms:

**Hazard Statements:**

H223 - Flammable aerosols

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 Statements:

P102 – Keep out of reach of children

P210 – Keep away from heat/sparks/open flame/hot surfaces – NO SMOKING.

P251 – Pressurized container: DO NOT pierce or burn even after use

P302+P352 – IF ON SKIN: Wash with plenty of water

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue to rinse.

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

Section 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Material does not meet the criteria of a substance according to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

3.2 Chemical characterization: Mixtures

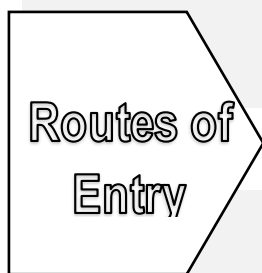
Chemical & Common Name:	CAS#	Content(s)	Classification CLP
Oleoresin Capsicum (OC/Red Pepper)	8023-77-6	10%*	H315; H319; H334; H335
2-(2-butoxyethoxy)ethanol	112-34-5	40-70%	H319
Propane-1,2-diol	57-55-6	20-40%	N/A
Nitrogen (Propellant)	7727-37-9	<1%	N/A

*10% @ 1.33% Major Capsaicinoids

Major Capsaicinoids are determined via A.O.A.C. Method 995.03. ** Ingredient volumes are trade secrets as defined in Hazard Communications ACT 29 CFR 1910.1200(g) Para 1 (1) end Appendix D to CFR 1910.1200(g).

Section 4 – FIRST AID MEASURES

Emergency & First Aid Procedures: Remove victim from contaminated area and if appropriate, remove contaminated clothing. Provide fresh air, irrigate with copious amounts of cool water. Seek medical attention immediately if you have any pre-existing medical conditions or suffer from any adverse effects.

	1. Inhalation	Remove from contaminated area immediately. Provide fresh air. If breathing is difficult, seek immediate medical attention. If the victim is not breathing, administer CPR and seek immediate medical attention.
	2. Eyes	Carefully remove & discard your contact lenses. Flush eyes with cool water for 15 minutes, or until relieved. Do not rub eyes. Get prompt medical attention.
	3. Skin	Flush skin 15 to 20 minutes with soap and cold water, repeat as necessary. Do not rub, or use creams, salves, or oils. Seek medical attention if irritation persists.
	4. Ingestion	Unlikely route of entry. DO NOT INDUCE VOMITING. Rinse mouth with water. Ingest milk or water. Immediately call for medical help.

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.

Flammability Classification 16 CFR 1500.45: Non-Flammable; DO NOT USE with Electronic Immobilization Device

Flash Point: N/A;

Auto-Ignition Temperature: N/A

5.2 Unusual Fire and Explosion Hazards: Smoke would be irritating to eyes and mucous membranes.

Containers may burst in the heat of a fire.

5.3 Special Fire Fighting Procedures: Wear respirator or self-contained breathing apparatus.

Section 6 – ACCIDENTAL RELEASE MEASURES

6.1 If released inside: Ventilate area and after absorbent process, wash area with soap and cold water.

If released outside: Stay upwind

6.2 Environmental Precautions: No special measures required.

6.3 Methods and materials for containment and cleaning up: Ensure adequate ventilation. Wipe up small spills with absorbent material. With large spills, use respiratory equipment to avoid irritation, collect absorbent materials, and wear protective clothing.

6.4 Reference to other sections:

See section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

Section 7 – HANDLING AND STORAGE

7.1 Precautions to be taken in handling & storage: DO NOT puncture or incinerate container. /DO NOT expose to temperatures over 120°F/50°C

7.2 Conditions for safe storage, including any incompatibility: Store upright in a cool, dry area. Avoid direct light and heat.

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

7.3 Specific end use (s): Except for the instructions already specified it is not necessary to provide any specific recommendation regarding the use of this product. See Section 1.2.

Section 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

THIS IS NOT A LAW ENFORCEMENT PRODUCT. IT SHOULD NOT BE USED FOR LAW ENFORCEMENT TRAINING.

8.1 Control parameters:

Components with workplace control parameters

Component	CAS-no.	Value	OSHA PEL TWA	ACGIH TLV
2-(2-butoxyethoxy)ethanol	112-34-5	TWA	10 ppm	10 ppm (inhalable)

DNEL:

2-(2-butoxyethoxy)ethanol

Workers – Long term local – Inhalation: 67.5 mg/m³

Workers – Short term local – Inhalation: 101.2 mg/m³

Consumer – Long term systemic – Oral: 6.25 mg/kg bw/day

PNEC:

Target: Fresh Water – Value: 1 mg

Target: Marine water – Value: 0.1 mg

Target: Freshwater sediments – Value: 4 mg

Target: Marine water sediments – Value: 0.4 mg

Target: Soil – Value: 0.32 mg

Target: Sewage treatment plant – Value: 200 mg

Target: Oral (secondary poisoning) (foodstuff) – Value: 56 mg/kg

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.

Ventilation: Yes

Protective Gloves: Suggested (not required)

Eye Protection: Yes

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.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

a) Appearance	Form: liquid
	Color: red-orange
b) Odor	Pungent
c) Odor threshold	N/A
d) pH	~5-7
e) Melting point/freezing point	< 0 C (32 F)
f) Initial boiling point and boiling range	230°C (446°F)
g) Flash point	>80 C (liquid component)

h) Evaporation rate	N/A
i) Flammability (solid, gas)	N/A
j) Upper/lower flammability or explosive limits	N/A
k) Vapor pressure	140 psi
l) Vapor density	N/A
m) Relative density	~0.95 @ 20°C
n) Water solubility	Soluble
o) Partition coefficient: n-octanol/water	N/A
p) Auto-ignition temperature	N/A
q) Decomposition	N/A
r) Viscosity	N/A
s) Explosive properties	N/A
t) Oxidizing properties	N/A

9.2 Other Information

No data available

Section 10 – STABILITY AND REACTIVITY

10.1 Reactivity: No relevant information available.

10.2 Chemical Stability: Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions: Will not occur.

10.4 Conditions to avoid: High temperatures. Heat, open flame, sun light, temperatures >50 C (122 F)

10.5 Incompatibility Material: Strong oxidizing agent, strong acids,

alkalis 10.6 Hazardous Decomposition Products: Carbon oxides,

nitrogen oxides, irritant fumes

Section 11 – TOXICOLOGICAL INFORMATION

11.1 Information on Hazard classes as defined in Regulation (EC) No 1272/2008

Skin corrosion/irritation

Standard Draize Test: Skin, 500 mg – Severity: Slightly irritating

Serious eye damage/irritation

Standard Draize Test: Eye, 100 mg – Severity: Moderately irritating

Acute toxicity

Acute Inhalation (LC50): >100.5 mg/L

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

Information on other hazards

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 Endocrine disrupting properties - no data available

12.7 Other adverse effects - no data available

Section 13 – DISPOSAL CONSIDERATIONS

13.1 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 INFORMATON	<u>GROUND</u>	<u>AIR</u>
14.1 Identification Number:	none	UN1950
14.2 Proper Shipping Name:	LTD. QTY	Aerosols,flammable
14.3 Hazard Class or Division:	none	2.1
14.4 Packing Group:	none	none
Label(s) Required:	none	2.1 LTD. QTY

INTERNATIONAL TRANSPORTATION REGULATIONS

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

	<u>GROUND</u>	<u>AIR</u>	<u>OCEAN</u>
14.1 Identification Number:	none	UN1950	UN1950
14.2 Proper Shipping Name:	LTD.QTY	Aerosols,flammable	Aerosols,flammable
14.3 Hazard Class or Division:	ORM-D	2.1	2.1
14.4 Packing Group:	none	none	none
Label(s) Required:	none	2.1 LTD. QTY	2.1 LTD QTY
14.5 Maritime transport in bulk according to IMO instruments:	N/A		

Section 15 – REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

GHS within the EU: The new classification & labeling system according to CLP regulation (EC) No 1272/2008

WHMIS: In Canada, this product is in accordance with the Canadian Workplace Hazardous Materials Information System. (2015)

Signal Word: WARNING - Exclamation Mark Skin & Eye Irritation, Category 2

H-Codes

H223: Aerosols; DOT Standard 49 CFR 173-115 (Category 2), Signal Word-Warning

H315 – Skin corrosion/irritation

H319 – Serious eye damage/eye irritation

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 – Specific target organ toxicity, single exposure; Respiratory tract irritation

H280 – Contains gas under pressure

P-Codes:

P102 – Keep out of reach of children

P210 – Keep away from heat/sparks/open flame/hot surfaces – NO SMOKING.

P251 – Pressurized container: DO NOT pierce or burn even after use

P302+P352 – IF ON SKIN: Wash with plenty of water

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue to rinse.

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



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

TSCA: CAS#: 112-34-5; 57-55-6; 8023-77-6

SARA TITLE III, SECTION 313: Not Listed

CLEAN AIR ACT (CCA): Not Listed

CLEAN WATER ACT (CWA): Not Listed

CALIFORNIA PROPOSITION 65: Not Listed

MASSACHUSETTS RIGHT TO KNOW: Not Listed

PENNSYLVANIA RIGHT TO KNOW: CAS# 112-34-5

NEW JERSEY RIGHT TO KNOW: CAS# 112-34-5

15.2 Chemical safety assessment: Completed

Section 16 – OTHER INFORMATION

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). 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 interpretations and decisions by the Occupational Safety and Health Review Commission and the courts for additional guidance on OSHA compliance requirements. Please note that states with OSHA-approved state plans may have additional requirements for chemical safety data sheets, outside of those outlined above. For more information on those standards, please visit: <http://www.osha.gov/dcsp/osp/statestandards.html>.

SDS Prepared by:

Security Equipment Corporation

747 Sunpark Drive

Fenton, MO 63026 USA

Toll Free North America 1-800-325-9568 Intl. +1-636-343-0200

Website: www.sabrerred.com