



# VEXOR<sup>®</sup> V7

## MATERIAL SAFETY DATA SHEET

### ZARC<sup>®</sup> INTERNATIONAL, INC.

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VEXOR<sup>®</sup> is the registered trademark of Z A R C<sup>®</sup> International, Inc.

[www.zarc.com](http://www.zarc.com)

### I. IDENTIFICATION

PRODUCT NAME: VEXOR MODEL V7

CHEMICAL FORMULATION:	Extract of Capsicum Pepper in solution of cosmetic grade ester and glycol.
FORMULA:	Aerosol
DOT HAZARD CLASSIFICATION: IATA / ICAO HAZARD CLASSIFICATION:	ORM-D Aerosols Non-Flammable Aerosols, Non-Flammable Class 2.2 UN 1950

### II. INGREDIENTS

MATERIAL	CAS	%	HAZARD
Glycerol tri (2-ethylhexanoate)	7360-38-5	46.77	Non Hazardous
Propylene glycol dicaprylate/carpate	68583-51-7	46.77	Non Hazardous
CO <sub>2</sub>	124-38-9	5	Respiratory Stimulant
Capsaicinoids		1.45	Irritant/Inflammatory

### III. PHYSICAL DATA

FREEZING POINT:	-60°F / -50°C	VOLATILES ORGANIC COMPOUND	Not volatile
VAPOR PRESSURE AT 20°C:	<1 hPcl	SOLUBILITY IN WATER, % by wt.	Insoluble
APPEARANCE AND ODOR	Yellow liquid with pungent aroma		

### IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (COC):	>400°F (>200°C)
EXTINGUISHING MEDIA	Water, dry chemical, CO <sub>2</sub>
SPECIAL FIRE FIGHTING PROCEDURES	Evacuate all personnel from affected area. Remove all containers from area of fire, if without risk. Use water spray to cool fire exposed containers and structures. Use self contained breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Container may burst due to heat or fire. No part of a container should be subject to a temperature higher than 150°F (65°C).

### V. REACTIVITY DATA

STABILITY	Stable
INCOMPATIBILITY (materials to avoid)	None
HAZARDOUS POLYMERIZATION	Will not Occur

## VI. HEALTH HAZARD DATA

### ACUTE EFFECTS OF OVEREXPOSURE:

INGESTION:	Burning sensation of throat, and may cause nausea and stomach pain.
SKIN ABSORPTION:	Not readily absorbed through the skin.
INHALATION:	Cough and burning sensation of the nose, mouth and the throat.
SKIN CONTACT:	Immediate inflammation of mucous membranes, burning sensation and redness of the skin may occur.
EYE CONTACT:	Burning sensation and irritation. Immediate closing of the eyes.
CHRONIC EFFECTS OF OVEREXPOSURE:	No evidence of adverse effects from available information.

### EMERGENCY AND FIRST AID PROCEDURES:

INGESTION:	In the event of accidental swallowing, ingest water and get medical attention promptly.
SKIN:	Remove contaminated clothes. Flush affected area thoroughly with cool water to relieve all symptoms.
INHALATION:	Remove subject into fresh air and face into the wind.
EYES:	Flush thoroughly with cool water for 15 minutes. Do not rub. Symptoms disappear in 45 minutes. If symptoms persist, get medical attention promptly.
MEDICAL CONDITIONS AGGRAVATED BY OVER EXPOSURE:	Because of its irritating properties, this material may aggravate an existing skin irritation.

**NOTES TO PHYSICIAN:** There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition, only after rinsing the affected area with copious water for up to 45 minutes.

## VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Avoid contact with eyes. Do not breathe vapor. Absorb liquid spillage onto inert material (e.g. sand). Residues and small spillages may be washed away with water and detergent.
WASTE DISPOSAL METHOD	Do not puncture or incinerate empty can. Discard any residue, or disposable container in accordance with local, state and federal regulations.

## VIII. SPECIAL PROTECTION INFORMATION FOR INDUSTRIAL USE ONLY

RESPIRATORY PROTECTION (specify type)	Respiratory face mask required (FILTER: Organic vapours and acid gas).
VENTILATION	Local exhaust or Mechanical (general).
PROTECTIVE GLOVES	Rubber or Plastic.
EYE PROTECTION	Goggles or Monogoggles.
OTHER PROTECTIVE EQUIPMENT	Eye bath, Safety shower.

## IX. SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from heat and flame. Unit under pressure. DO NOT PUNCTURE OR INCINERATE CAN. PROLONGED EXPOSURE TO SUNLIGHT AND TO TEMPERATURE ABOVE 150° F (65° C) MAY CAUSE BURSTING OF CANISTER. Store at room temperature.

### OTHER PRECAUTIONS:

Avoid contact with liquid or spray. Avoid accidental contact with eyes, skin or mucous membranes.

The opinions expressed herein are those of qualified experts with ZARC International, Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and the conditions of the use of the product are not within the control of ZARC it is the user's obligation to determine conditions of safe use of the product.

ZARC® INTERNATIONAL INC., 430 North Chestnut St., Minonk, Illinois 61760 U.S.A., (309) 432-3838

## X. EMERGENCY PHONE NUMBER

FOR CHEMICAL EMERGENCY - Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC, Day or Night  
U . S . A . (800) 424-9300 INTERNATIONAL (202) 483-7616