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PRODUCT NUMBER:	14010
Product Use:	Wasp and hornet insecticide
CHEMTREC:	(800) 424-9300 or (703) 527-3887
Manufacturer / Supplier Contact Information - In United States:	CRC Industries, Inc. 885 Louis Drive Warminster, PA 18974 www.crcindustries.com 1-215-674-4300 (General) (800) 521-3168 (Technical) (800) 272-4620 (Customer Service)
Manufacturer / Supplier Contact Information - In Canada:	CRC Canada Co. 2-1246 Lorimar Drive Mississauga, Ontario L5S 1R2 www.crc-canada.ca 1-905-670-2291
Manufacturer / Supplier Contact Information - In Mexico:	CRC Industries Mexico Av. Benito Juárez 4055 G Colonia Orquídea San Luis Potosí, SLP CP 78394 www.crc-mexico.com 52-444-824-1666
PRODUCT NAME:	Wasp and Hornet Killer PLUS
TRADE NAME:	Wasp and Hornet Killer PLUS™
MSDS Manufacturer Number:	14010

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS#	Ingredient Percent
Hydrotreated light distillate	64742-47-8	90 - 100 by Weight
Tetramethrin	7696-12-0	0.200 by Weight
Phenothrin	26002-80-2	0.125 by Weight
Carbon dioxide	124-38-9	1-5 by Weight

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	CAUTION: Flammable. Harmful or Fatal if Swallowed. Eye Irritant. Contents Under Pressure. As defined by OSHA's Hazard Communication Standard, this product is hazardous.
Appearance & Odor:	Amber liquid, petroleum odor
EYE CONTACT:	May cause moderate eye irritation.
SKIN CONTACT:	May cause skin irritation. Prolonged contact may allow material to be absorbed through the skin.
INHALATION:	May cause respiratory irritation. Overexposure to vapors may lead to central nervous system effects such as headache and drowsiness, followed by dizziness and nausea.
INGESTION:	May cause gastrointestinal discomfort or irritation of the throat. Aspiration of this material into the lungs, either while swallowing or vomiting, may lead to chemical pneumonitis, which could be fatal. Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discoloration of the skin.
CHRONIC EFFECTS:	Repeated skin contact may cause contact dermatitis.
Target Organ Effects:	Central nervous system
AGGRAVATION OF CONDITIONS:	pre-existing skin conditions
Hazards Comments:	See Section 11 for toxicology and carcinogenicity information on product ingredients.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:	Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.
SKIN CONTACT:	Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use.
INHALATION:	Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.
INGESTION:	Do NOT induce vomiting due to aspiration hazard. If vomiting occurs, lower head below knees to avoid aspiration. Seek immediate medical attention.
NOTE TO PHYSICIANS:	Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:	This product is flammable in accordance with aerosol flammability definitions. (See 16 CFR 1500.3(c)(6)).
FLASH POINT:	177 deg F (PMCC)
FLAMMABLE LIMITS - UEL:	ND
AUTOIGNITION TEMPERATURE:	ND
FLAMMABLE LIMITS - LEL:	ND
EXTINGUISHING MEDIA:	Use extinguishers appropriate for a Class B fire.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon
PROTECTIVE EQUIPMENT:	Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.
EXPLOSION HAZARDS:	Aerosol containers, when exposed to heat from fire, may build pressure and explode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONNEL PRECAUTIONS:	Use personal protection recommended in Section 8.
ENVIRONMENTAL DATA:	Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.
SPILL CLEAN UP MEASURES:	Dike area to contain spill. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

SECTION 7 - HANDLING and STORAGE

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	liquid
COLOR:	light amber
ODOR:	petroleum
ODOR THRESHOLD:	ND
SPECIFIC GRAVITY:	0.79
INITIAL BOILING POINT:	420 deg F
FREEZING POINT:	ND
VAPOR PRESSURE:	< 0.1 mmHg
VAPOR DENSITY:	> 1 (air = 1)
EVAPORATION RATE:	slow
SOLUBILITY:	negligible in water
pH:	NA
VOLATILE ORGANIC COMPOUNDS:	wt % : 33.0 g/L : 260 lbs./gal: 2.17

SECTION 10 - STABILITY and REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Temperature extremes; sources of ignition
INCOMPATIBLE MATERIALS:	Strong acids, bases and oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon
DANGEROUS REACTIONS:	No

SECTION 11 - TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY NOTES:	E Eye S Skin R - Respiratory
REPRODUCTIVE TOXICITY:	No information available
TERATOGENICITY:	No information available
MUTAGENICITY:	No information available
SYNERGISTIC EFFECTS:	No information available
Toxicological Comments:	Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.
Chemical Name:	Hydrotreated light distillate
ACUTE TOXICITY (Ingredient):	Oral LD50 (rat): > 5 g/kg; Dermal LD50: > 2 g/kg (rabbit); Inhalation LC50 (rat): > 5 mg/L/4H
Chemical Name:	Active ingredient mixture
ACUTE TOXICITY (Ingredient):	Oral LD50 (rat): > 6.31 g/kg; Dermal LD50: > 2 g/kg (rat); Inhalation LC50 (rat): > 5.34 mg/L
Chemical Name:	Carbon dioxide
ACUTE TOXICITY (Ingredient):	Oral LD50 (rat): No data; Dermal LD50: No data; Inhalation LC50 (rat): 470,000 ppm/30M
Chemical Name:	Hydrotreated light distillate
CHRONIC TOXICITY (Ingredient):	OSHA Carcinogen: No; IARC Carcinogen: No; NTP Carcinogen: No; Irritant: E (mild) / S (moderate); Sensitizer: Unknown
Chemical Name:	Active ingredient mixture
CHRONIC TOXICITY (Ingredient):	OSHA Carcinogen: No; IARC Carcinogen: No; NTP Carcinogen: No; Irritant: E (mild) / S (moderate) / R (mild); Sensitizer: No
Chemical Name:	Carbon dioxide
CHRONIC TOXICITY (Ingredient):	OSHA Carcinogen: No; IARC Carcinogen: No; NTP Carcinogen: No; Irritant: No; Sensitizer: No

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:	The dispensed liquid product is not a RCRA hazardous waste. Full or partial full containers should be punctured and drained. Empty containers may be recycled or discarded. Contact your state or local regulatory agency for more details. All disposal activities must comply with federal, state, provincial and local regulations. Local regulations may be more stringent than state, provincial or national requirements.
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SECTION 14 - TRANSPORT INFORMATION

DOT:	Consumer Commodity, ORM-D
Special Provisions:	None
IATA:	Consumer Commodity, ID8000, 9
IMDG:	Aerosols, UN1950, 2.1, Limited Quantity

SECTION 15 - REGULATORY INFORMATION

SECTION 16 - ADDITIONAL INFORMATION

MSDS AUTHOR:	Michelle Rudnick
CRC #:	431C
MSDS REVISION DATE:	03/26/2009
Revision Changes:	MSDS reformatted to meet the requirements of the Canadian Controlled Products Regulations.
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ABBREVIATIONS:	ACGIH: American Conference of Governmental Industrial Hygienists NA: Not Applicable CAS: Chemical Abstract Service ND: Not Determined CFR: Code of Federal Regulations NIOSH: National Institute of Occupational Safety & Health DOT: Department of Transportation NFPA: National Fire Protection Association DSL: Domestic Substance List NTP: National Toxicology Program g/L: grams per Liter OSHA: Occupational Safety and Health Administration HMIS: Hazardous Materials Identification System PMCC: Pensky-Martens Closed Cup IARC: International Agency for Research on Cancer PPE: Personal Protection Equipment IATA: International Air Transport Association ppm: Parts per Million ICAO: International Civil Aviation Organization RoHS: Restriction of Hazardous Substances IMDG: International Maritime Dangerous Goods STEL: Short Term Exposure Limit IMO: International Maritime Organization TCC: Tag Closed Cup lbs./gal: pounds per gallon TWA: Time Weighted Average LC: Lethal Concentration WHMIS: Workplace Hazardous Materials Information LD: Lethal Dose System
HMIS - HEALTH:	2
HMIS - FLAMMABILITY:	2
HMIS - REACTIVITY:	0
HMIS - PERSONAL PROTECTION:	B
NFPA AND HMIS COMMENTS:	Ratings range from 0 (no hazard) to 4 (severe hazard)
NFPA - FIRE:	2
NFPA - HEALTH:	2
NFPA - REACTIVITY:	0