



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**CR-2 PREMIUM CRAWLING INSECT KILLER
(AEROSOL)**

Product Number: 6903

Product Division:

Janitorial

Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: ORM-D, Consumer commodity, insecticides, aerosol, n.o.s.	
NFPA Ratings:	HMIS Ratings:
Health: 1- Slight	Health: 1- Slight
Fire: 0 - Minimal	Fire: 0 - Minimal
Reactivity: 0 - Minimal	Reactivity: 0 - Minimal
	Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Mineral oil	1-5	8012-95-1	5 (Oil mist)	Not Established	Not Established	No
Isobutane	5-10	75-28-5	1900 (NIOSH)	Not Established	Not Established	No
Propane	5-10	74-98-6	1800	Not Established	Not Established	No
Permethrin	< 1.0	52645-53-1	Not Established	Not Established	Not Established	No
Pyrethrins	< 1.0	8003-34-7	5	Not Established	Not Established	No
N-Octyl bicycloheptene dicarboximide	< 1.0	113-48-4	Not Established	Not Established	Not Established	No

▼ **SECTION III: PHYSICAL DATA**

Boiling Point:	N/A	Vapor Pressure:	Not Established
Vapor Density (AIR = 1):	>1	Solubility in Water:	Greater than 61%
pH:	7.0-7.5	Specific Gravity (H ₂ O=1):	0.95
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	Trace
Physical State:	Pressurized liquid		
Appearance & Odor:	Clear wet film. Pyrethroid odor.		

▼ **SECTION IV: FIRE & EXPLOSIVE HAZARD DATA**

Flash Point:	[Concentrate] 144°F	Method Used:	ASTM-D56
Flammable Limits:	N/A	Flame Extension:	0 Inches NFPA 30 B Storage Level 1 Aerosol
Extinguishing Media:	Water fog, carbon dioxide, dry chemical		
Special Fire Fighting Procedures:	Water may be used to cool closed containers to prevent pressure build-up and possible rupture, venting or bursting of containers. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.		
Unusual Fire & Explosive Hazards:	At elevated temperatures (54°C/130°F) containers may vent, rupture or burst.		

▼ **SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes and Oral.
Effects of Overexposure-Conditions to Avoid:	Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Inhalation may cause respiratory irritation. Avoid contact with eyes and skin and clothing. Do not swallow. Avoid breathing product vapors or mist. Wash thoroughly with soap and water after handling.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

Emergency & First Aid Procedures:

Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses; If present after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. If person is not breathing; call 911 or an ambulance then give artificial respiration; preferably by mouth-to-mouth; if possible. Call a poison control center or doctor for further treatment advice.

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	NA
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Remove ignition sources. Avoid breathing vapors or contact with liquid. Soak up with absorbent material and transfer to containers for disposal. Rinse area with water and flush to sanitary sewer. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Do not incinerate or puncture aerosol container. Dispose of in accordance with federal, state and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other impervious gloves.
Eye Protection(Specify Type):	Splash goggles
Other Protective Equipment:	See 29 CFR 1910.132-138 for further reference.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Contents under pressure. Do not use near fire, sparks or flame. Do not store where temperatures could exceed 130°F.
Other Precautions:	Keep out of reach of children

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CR-2 PREMIUM CRAWLING
INSECT KILLER (AEROSOL)

Name: Ronald T. Cook
Effective Date: 06/01/2004

Title: Manager, Regulatory Affairs
Supercedes: 04/23/2001

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(OSHA)

Changes: Update Sections II, V, VII & VIII

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