

# AIROSOL COMPANY, INC.

11th & Illinois

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Neodesha KS 66757

## MATERIAL SAFETY DATA SHEET

### EMERGENCY INFORMATION

MEDICAL: 1-800-633-9576

TRANSPORTATION: 1-800-535-5053

### SECTION ONE

PRODUCT NAME: BLACK KNIGHT INSECTICIDE

PRODUCT CODE:

ISSUE DATE: 12-30-90 Reissued 02/14/95

### SECTION TWO

HAZARDOUS COMPONENTS	EXPOSURE LIMITS	OSHA	ACGIH	OTHER	%	CAS NO
Chlorodifluoromethane		NE	1000ppm	NA	39.2%	75-45-6
1-Chloro-1,1-Difluoroethane		NE	1000ppm	NA	58.8%	75-68-3
*Refined Petroleum Solvent		NE	NE	TWA 350 mg/cu m	<.2%	NA
3-Phenoxybenzyl-(1RS,3RS,1RS,3SR) -2,2-Dimethyl-3-(2 Methyl Prop-1-Enyl) Cyclopropane Carboxylate		NE	NE	NE	2%	26002-80-2

NE: Not Established NA: Not Applicable

\*CAS # withheld as trade secret by the manufacturer.

### SECTION THREE - PHYSICAL DATA

BOILING POINT: NE VAPOR PRESSURE (mmHg or psig 50 @ 70°F)  
VAPOR DENSITY (AIR=1): Heavier than GRAVITY (H<sub>2</sub>O=1): 1.10-1.15  
SOLUBILITY IN WATER: Insoluble REACTIVITY IN WATER: NA  
APPEARANCE AND COLOR: Colorless compressed gas with faint ethereal odor

### SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: F. C. METHOD USED: NA (FLAME EXT. 0")  
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL LOWER: NA UEL UPPER: NA  
AUTO IGNITION TEMPERATURE: Not determined  
EXTINGUISHING MEDIUM: As appropriate for other combustibles in the area.  
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) is required if containers rupture and contents are spilled under "fire conditions".  
UNUSUAL FIRE/EXPLOSION HAZARDS: When exposed to temperatures 130° or above, the aerosol can may rupture due to the increase of internal pressure. If exposed to high temperatures (open flames, glowing metal surfaces, etc.), the propellants can be decomposed, forming toxic and irritating products.

### SECTION FIVE - PHYSICAL HAZARDS (REACTIVE DATA)

CONDITIONS TO AVOID; Sources of heat above 120°F (open flames, sunlight, etc.)  
INCOMPATIBILITY (MATERIALS TO AVOID): (Moisture, alkali or alkaline, earth metals - powdered a1, zn, be, etc.) strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrochloric and hydrofluoric acids, phosgene and possibly carbonyl halides when exposed to flames.  
HAZARDOUS POLYMERIZATION: Will not occur.

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**PRODUCT CODE:**

### SECTION SIX - HEALTH HAZARDS

ACUTE: Dizziness, frostbite CHRONIC: None known

SIGNS AND SYMPTOMS OF EXPOSURE: Skin Irritation; overexposure due to inhalation may cause temporary central Nervous System effects: Dizziness, headache, confusion, stupor with the exclusion of oxygen and with grossly excessive over-exposure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with pre-existing diseases of the cardiovascular system may have increased susceptibility to toxicity of excessive exposures, heart irregularities.

CHEMICALS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: No L.A.R.C. MONOGRAPHS: No OSHA: No

EMERGENCY AND FIRST AID PROCEDURES: SKIN: Wash with soapy (plenty) water. If irritation persists get medical attention. If frostbitten warm skin slowly. EYES: Flush with copious amounts of water. INGESTION; Not likely for aerosol; however, consult doctor. INHALATION: Remove to fresh air. If not breathing give CPR; if breathing difficulty give oxygen. Call a doctor.

ROUTE OF ENTRY: INHALATION: Possibly if there is unsatisfactory ventilation. EYES: Possible if protective eyewear is not worn. SKIN: Possible if skin is left unprotected. INGESTION: Not likely as an aerosol.

### SECTION SEVEN - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not intentionally dilute or inhale. Avoid contact with eyes, skin and clothing. Keep away from heat (above 120°F), sparks and open flames. Do not drop, reuse or refill container. Do not store in direct sunlight. Do not throw in trash compactor. Store in cool, dry place.

OTHER PRECAUTIONS; Read label and MSDS before use.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED. Turn off all sources of ignition. do not flush into sewer. Disperse gas with floor level forced air ventilation or water fog. Use SCBA for large spills.

WASTE DISPOSAL METHODS (CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS): Reclaim by distillation, if possible, or remove to a permitted waste disposal facility in accordance with federal, state, and local laws.

### SECTION EIGHT

RESPIRATORY PROTECTION (SPECIFY TYPE): If affected, use a SCBA.

VENTILATION: LOCAL EXHAUST; As needed. MECHANICAL (GENERAL): As needed. SPECIAL: NA OTHER: NA PROTECTIVE GLOVES; Butyl gloves. EYE PROTECTION; Chemical splash goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Prevent all skin contact. to prevent getting on clothing, operator may use rubber apron.

WORK/HYGIENIC PRACTICES; Good personal practices recommended when using their product.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): If affected, use a SCBA.

### SECTION NINE

VENTILATION: Sufficient

PROTECTIVE GLOVES: Butyl gloves

EYE PROTECTION: Chemical splash goggles

OTHER PROTECTIVE EQUIPMENT: Prevent all skin contact. To prevent getting on clothing, operator may use rubber apron.

GOOD PERSONAL PRACTICES RECOMMENDED WHEN USING THIS PRODUCT.

### SECTION TEN - REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL

CAS NUMBER

CONCENTRATION %

**PRODUCT NAME: BLACK KNIGHT INSECTICIDE**  
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**SECTION TEN (continued)**

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 cfr 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #S
CALIFORNIA PROPOSITION 65			
MASSACHUSETTS RIGHT TO KNOW:			
PENNSYLVANIA RIGHT TO KNOW: yes			
NEW JERSEY RIGHT TO KNOW: yes			
TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: listed			
CALIFORNIA VOC'S: % by weight			
NFPA RATING AS AN AEROSOL:			
HMIS: HEALTH REACTIVITY FLAMMABILITY			
SARA HAZARD CATEGORIES AND LISTS			
PRODUCT HAZARD CATEGORIES			
CHRONIC HEALTH:			
ACUTE HEALTH:			
FIRE HAZARD:			
PRESSURE HAZARD:			
REACTIVITY HAZARD:			
LISTS			
EXTREMELY HAZARDOUS SUBSTANCE:			
CERCLA HAZARDOUS SUBSTANCE:			
TOXIC CHEMICAL:			
SHIPPING REGULATIONS: DOT CONSUMER COMMODITY ORM-D			
IATA/ICAO: N/A			
IMDG: N/A			
CARCINOGENITY	CHEMICAL	IARC	NTP OSHA
NOT LISTED			
CANADIAN WHMIS CLASSIFICATION:			

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