

BLACK FLAG KILLS Wasps, Hornets, Yellow Jackets, Scorpions MATERIAL SAFETY DATA SHEET

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BLACK FLAG KILLS Wasps, Hornets, Yellow Jackets, Scorpions

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLACK FLAG KILLS Wasps, Hornets, Yellow Jackets, Scorpions

PRODUCT DESCRIPTION: An Aerosol Insecticide for Wasps & Hornets

EPA REG. NO. : 1021-1780-79529

CHEMICAL FAMILY: Mixture

MANUFACTURER 24 HR. EMERGENCY TELEPHONE NUMBERS

BLACK FLAG Kills Brands, LLC.
25 Garden Street
New York Mills, NY 13417
Customer Service: (877) 398-9444

COMMENTS: Black Flag's Hours of operation are 8:00 am to 5:00 pm EST. For information regarding MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours (877) 398-9444.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS#	EINECS #
SUMITHRIN® (d-Phenothrin)	0.2	026002-80-2	247-404-5
NEO-PYNAMIN® (Tetramethrin)	0.2	007696-12-0	231-711-6
Petroleum Distillate	<10	064742-47-8	265-149-8

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION. Contents Under Pressure. Keep Away from heat sparks and open flame. Do not expose to temperatures above 130° F / 54.4°C. Harmful if absorbed through skin or inhaled. Take prudent precautions to avoid contact with eyes, skin or clothing. Avoid breathing vapors and spray mists of this product. DO NOT puncture or incinerate container.

POTENTIAL HEALTH EFFECTS

EYES: Causes temporary irritation, tearing, and blurred vision.

SKIN: Causes skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

SKIN ABSORPTION: Can be harmful if absorbed through skin.

INGESTION: Harmful if swallowed. Can cause stomach irritation, resulting in nausea, cramps and vomiting. Can cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination.

INHALATION: Excessive inhalation can cause nasal and respiratory irritation, nausea, and nervous disorders such as fatigue, dizziness, headaches, and lack of coordination.

4. FIRST AID MEASURES

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: Remove contaminated clothing and wash affected areas with large amounts of soap and water. If irritation persists, get medical attention. Wash clothing separately before reuse.

INGESTION: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE CLASS: This aerosol is NOT classified as FLAMMABLE by the flame extension test method described in 16 CFR 1500.45.

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 130°F / 54.4°C can cause bursting.

FIRE FIGHTING PROCEDURES: Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

LARGE SPILL: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not use near heat, open flame, or any other ignition source.

HANDLING: Contents under pressure do not puncture or incinerate. Do not use near heat, open flame, or any other ignition source. Take prudent precautions to avoid contact with skin, eyes, and clothing. Avoid breathing vapors or spray mists of this product. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not normally required when handling this product, but recommended in the absence of proper mechanical ventilation. Do not contaminate water, feed or food by storage, handling or

disposal. Read and observe all precautions and instructions on the label.
STORAGE: Store containers upright and closed. Store in areas that are cool, dry, and well-ventilated. Exposure to temperatures at or above 130°F / 54.4°C may cause bursting. Keep away from heat, ignition sources, and strong oxidizers. Emptied containers may retain product residues.

KEEP OUT OF REACH OF CHILDREN.

STORAGE TEMPERATURE: 4.44°C (40°F) minimum to 37.8°C (100°F) maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS

OSHA PELACGIH TLVSupplier OEL

ppmmg/m3ppmmg/m3ppmmg/m3

SUMITHRIN® (d-Phenothrin)TWANoneNoneNone

NEO-PYNAMIN® (Tetramethrin)TWA1510None

Petroleum Distillate

ENGINEERING CONTROLS: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Take prudent precautions to avoid contact with eyes.

SKIN: Take prudent precautions to avoid contact with skin and clothing.

RESPIRATORY: Take prudent precautions to avoid breathing vapors, spray mists and/or dusts of this product.

WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquefied gases and liquid.

PERCENT VOLATILE: Less than 6%

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available.

BOILING POINT: Not Available

FREEZING POINT: Not Available

MELTING POINT: Not Available

SOLUBILITY IN WATER: Partially miscible in water.

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: Not Available

VISCOSITY: None

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Not compatible with strong acids or bases. Not compatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD50: >2.0 gm/kg

ORAL LD50: >5.0 gm/kg

INHALATION LC50: The Acute Inhalation LC50 of this material places it in EPA Toxic Category III.

EYE EFFECTS: Irritation cleared by 24 hours.
SKIN EFFECTS: Moderately irritating to albino rabbit skin at 72 hours.
SENSITIZATION: When applied dermally to albino guinea pigs, this product does not appear to be a dermal sensitizer.
COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product contains pyrethroids which are extremely toxic to fish and other aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

IF EMPTY: Do not reuse container. Place in trash or offer for recycling if available.

IF PARTIALLY FILLED: Call your local solid waste agency or 1-800-CLEAN-UP for disposal instructions. Never place unused product down any indoor or outdoor drain.

RCRA/EPA WASTE INFORMATION: None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Consumer Commodity
PRIMARY HAZARD CLASS/DIVISION: ORM-D
AIR (ICAO/IATA)
PROPER SHIPPING NAME: Consumer Commodity
PRIMARY HAZARD CLASS/DIVISION: 9
UN/NA NUMBER: 8000
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Not Available

15. REGULATORY INFORMATION

UNITED STATES
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES:
FIRE: NO PRESSURE GENERATING: YES REACTIVITY: NO ACUTE: YES
313 REPORTABLE INGREDIENTS: This product contains no SARA Title 313 chemicals that exceed the reporting limits.
302/304 EMERGENCY PLANNING
EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355). There are no components that are subject to emergency requirements under CERCLA Section 103(a) (40 CFR 302.4) in this formulation.
TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

16. OTHER INFORMATION

REVISION SUMMARY Revision #: 1 This MSDS replaces the December 10, 2001 MSDS. Any changes in information are as follows: In Section 1 Product Code Section 1 Footnotes In Section 3 Emergency Overview - Immediate Concerns Potential Health Effects - Skin In Section 4 Firstaid - Ingestion Firstaid - Inhalation Notes to Physician In Section 8 Skin Protection Eyes-Face Protection Respiratory Protection Clothing Protection In Section 11 Eye Effects Skin Effects Dermal LD50 (Operator) Dermal LD50 (Value) Dermal LD50 (Unit) Chronic Inhalation LC50 Sensitization Oral LD50 (Value) Oral LD50 (Unit) Oral LD50 (Operator) Acute In Section 13 Disposal In Section 14 DOT Proper Shipping Name DOT Primary Hazard Class/Division DOT UN/NA Number AIR Proper Shipping Name AIR Primary Hazard Class/Division AIR UN/NA Number

HMIS RATING

HEALTH: 1
FLAMMABILITY: 1
PHYSICAL HAZARD: 1
PERSONAL PROTECTION:

HMIS RATINGS NOTES: We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 7 and 8 of this MSDS.

COMMENTS: The data contained herein is based on information currently available to BLACK FLAG Kills Brands, LLC., and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which BLACK FLAG Kills Brands LLC. assumes legal responsibility.

MSDS Prepared by T. Azzivitto.