MATERIAL SAFETY DATA SHEET

www.blackflag.com

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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	Black Flag Ant & Roach Killing Chalk
Product Codes:	#61153 (EPA REG. NO. 75015-1-79529)
Product Use:	Chalk to kill ant and roaches.
Supplier:	Black Flag Brands, LLC
Address:	3300 Corporate Drive, Joliet, IL 60431
Business Phone:	(800) 887-3524 M-F, 8:30 AM – 8 PM EST
Medical Emergency:	1-866-767-5047 (24 Hour)
Transportation Emergency:	1-800-424-9300 (CHEMTREC 24 Hour)
Date:	12/20/2008

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SECTION 2 – HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW

CAUTION

- Causes moderate eye irritation
- Harmful if swallowed, inhaled or absorbed through the skin
- Avoid contact with eyes, skin and clothing
- Avoid breathing dust
- Keep out of reach of children

POTENTIAL HEALTH EFFECTS

Acute Toxicity (Primary Routes of Exposure): Inhalation, eye and skin contact
Acute Eye Contact: Causes moderate eye irritation.
Acute Skin Contact: May be harmful if absorbed through the skin. May cause transient and temporary burning, tingling or numbness sensation after direct contact with the chalk.
Acute Ingestion: May be harmful if swallowed.
Acute Inhalation: May be harmful if inhaled.
Chronic Toxicity (including cancer): Considered to have a low oncogenic potential.
Potentially Aggravated Medical Conditions: None known

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SECTION 3 – COMPOSITION, INFORMATION ON INGREDIENTS

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CHEMICAL NAME	WEIGHT %	CAS NUMBER
Tralomethrin*	1	66841-25-6

COMMENTS: * Active Ingredient. Ingredients not identified are proprietary or non-hazardous. The hazards associated with the other ingredients are addressed in this document. Values are not product specifications.

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SECTION 4 - FIRST AID MEASURES

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EYE CONTACT: 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 CONTACT: 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.

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SECTION 5 - FIRE FIGHTING MEASURES

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FLASH POINT: Not applicable
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, or water.
FIRE FIGHTING INSTRUCTIONS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Keep upwind. Isolate hazard area. Avoid inhalation of smoke and fumes. Use water or foam to reduce fumes. Do not touch spilled material. If possible, move containers from area.
HAZARDOUS COMBUSTION PRODUCTS: May form toxic materials: Carbon dioxide, carbon monoxide, etc.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

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GENERAL AND DISPOSAL: Use proper protective equipment to minimize personal exposure (see Section 8). Take all necessary action to prevent and to remedy the adverse effect of the spill. Ensure that the disposal is in compliance with all Federal, State, Provincial, and local regulations.

FOR SPILLS OR LEAKS:
CONTAINMENT: Collect material and place in an approved chemical waste container for disposal. Do not allow spill material to enter any body of water.

CLEANUP: Rinse spill area with small amount of soapy water. Contain and absorb the rinsate with inert absorbents and place into the same disposal container. Area can be washed with water to remove the last trace of residue. Do not allow water to contaminate water supplies or sewers.

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SECTION 7 – HANDLING AND STORAGE

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END USER MUST READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.
HANDLING PRECAUTIONS: Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash hands after handling.

STORAGE: Do not contaminate water, food or feed by storage or disposal. Keep pesticide only in original container. Store in a cool, dry area away from children and pets. Wash hands after handling.
KEEP OUT OF REACH OF CHILDREN.

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SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

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EXPOSURE GUIDELINES:

		OSHA	ACGIH
CHEMICAL NAME		PEL	TLV
Tralomethrin (66841-25-6)	TWA	None	None

EYES: Not required with normal use, unless label directs otherwise. Wear eye protection for spills or emergencies.
RESPIRATORY PROTECTION: None required under normal use conditions. Emergency responders should wear full respiratory protection (SCBA).
SKIN PROTECTION: Not required with normal use, unless label directs otherwise. Wear skin protection for spills or emergencies.
OTHER/GENERAL PROTECTION: Avoid contamination of feed and foodstuffs. Wash thoroughly with soap and water after handling.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE: Solid, chalk stick.
COLOR: White to off-white
ODOR: Very faint chemical odor.
BOILING POINT: No applicable
DENSITY: No data available
pH: 4.7 @ 1% solution
SOLUBILITY: Not soluble in water
VOC: 0 %

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SECTION 10 – STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Stable at normal ambient temperatures.
INCOMPATABILITY: Strong acids and oxidizing agents
HAZARDOUS POLYMERIZATION : Will not occur.

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SECTION 11 - TOXICOLOGICAL INFORMATION

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Note: Some individuals may develop a transient and temporary burning, tingling or numbness sensation after direct contact with the chalk.

ACUTE:

Oral Toxicity LD50 (rats)	> 2100 mg/kg
Dermal Toxicity LD50 (rabbits)	> 2000 mg/kg
Inhalation Toxicity LC50 (rats)	> 4.95 mg/L
Eye Irritation (rabbits)	Moderately irritating
Skin Irritation (rabbits)	Minimal
Skin Sensitization (guinea pigs)	Not a sensitizer

CHRONIC TOXICITY OF ACTIVE INGREDIENT: Tralomethrin
Although causing some toxic effects in subchronic and chronic animal feeding studies, tralomethrin did not cause reproductive, developmental or oncogenic effects, and yielded negative results in a number of genotoxicity studies.

Tralomethrin is rapidly metabolized to deltamethrin, and according to the USEPA, the toxicology profiles of these two chemicals are virtually identical. While the USEPA has not classified the carcinogenic potential of tralomethrin, the agency has classified deltamethrin as not likely to be a human carcinogen.

CANCER LISTS: NTP: None IARC: None OSHA: None

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SECTION 12 – ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION:
This product is extremely toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwaters. For terrestrial uses, do not apply directly to any body of water, or to any areas where surface water is present or to intertidal areas below mean high water mark. Care should be used when applying to avoid fish or other aquatic pet surroundings.

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SECTION 13 – DISPOSAL CONSIDERATIONS

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END USERS MUST DISPOSE OF ANY UNUSED PRODUCT AS PER THE LABEL RECOMMENDATIONS.
PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Do not reuse this container. If empty: Place in trash or offer for recycling if available.
DISPOSAL METHODS: Check government regulations and local authorities for approved disposal of this material. Dispose in accordance with applicable laws and regulations.

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SECTION 14 - TRANSPORT INFORMATION

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U.S. DOT (ROAD OR RAIL):
PROPER SHIPPING NAME: NOT REGULATED
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:

AIR / WATER / INTERNATIONAL TRANSPORT: NOT AVAILABLE
PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:

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SECTION 15 - REGULATORY INFORMATION

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UNITED STATES SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312: FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No
SARA 313 INGREDIENTS: None
SARA 302 INGREDIENTS: None

TSCA STATUS: Registered pesticide exempt from TSCA.

STATE REGULATIONS
VOLATILE ORGANIC COMPOUNDS (VOC): This product contains no VOC's.
CALIFORNIA PROP 65 INGREDIENTS: None

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SECTION 16 - OTHER INFORMATION

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This Material Safety Data Sheet (MSDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABELING (attached to product container). This MSDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products is regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling. All necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling. It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

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