



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name Nu-Calgon Wholesaler, Inc.	Phone Number (314) 469-7000 / (800) 554-5499	CHEMTREC (800) 424-9300		
Street Address 2008 Altom Court	City St. Louis	State MO	Postal Code 63146-4151	Last Update 12/28/06
Product Name Nu-Kill II	Product Number 4292-75	Product Use Wasp & Hornet Killer		EPA Registration # 10807-196-65516

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% By Wt.	CAS Number	TLV	PEL
Hydrotreated Light Petroleum Distillates	90 - 99	64742-47-8	5 mg/m3 (mist)	5 mg/m3 (mist)
Tetramethrin	0.10	7696-12-0	N/E	N/E
Permethrin	0.25	52645-53-1	N/E	N/E
Piperonyl butoxide	0.50	51-03-6	N/E	N/E

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview: CAUTION: Avoid contact with eyes. Avoid contact with clothing. KEEP OUT OF REACH OF CHILDREN

Potential Health Effects

Eyes: Mild eye irritation

Skin: Substance may cause slight skin irritation

Ingestion: Aspiration may cause chemical pneumonitis if aspirated into lungs. Nausea. vomiting.

Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, anesthetic effects, nausea, respiratory depression or cholinesterase depression..

Chronic Exposure: Repeated and prolonged exposure to solvents may cause brain and nervous system damage, cardiac irregularities, liver and kidney injuries may occur, Lung damage or Inhibits cholinesterase

Carcinogenicity: None known

Medical Conditions Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions

SECTION 4 – FIRST AID MEASURES

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control centre or doctor for treatment advice.

Skin: Take off all contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or Poison Control Centre for treatment advice.

Ingestion: Call a physician or Poison Control Centre immediately for treatment advice. Do not give ANY liquid to the person. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth. Call a physician or Poison Control Centre for further treatment advice.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: N/A°F

Autoignition Temp: N/A°C/N/A°F

Hazardous Products of Combustion: Carbon oxides

Flammable Limits in Air: N/A

Extinguishing Media: Foamy spray. Dry chemical. Carbon dioxide (CO2).

Fire and Explosion Hazards: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C)

Special Firefighting Procedures: Cool containers / tanks with water spray. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Prevent product from entering drains. Should not be released into the environment. Do not flush into surface water or sanitary sewer system. Toxic to fish and other water organisms. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Take up mechanically and collect in suitable container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Ensure adequate ventilation, especially in confined areas. Wear personal protective equipment. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C). Do not puncture or incinerate container.

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Keep away from food and drink. Avoid breathing vapors or mists. Remove all sources of ignition.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Eye Protection: Safety glasses with side-shields

Protective Clothing: Rubber gloves if skin is easily irritated

Exposure Guidelines: See section 2

Specific Engineering Controls (such as ventilation, enclosed process): Ensure adequate ventilation, especially in confined areas

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Aerosol	Freezing Point: N/A°C/N/A°F	% Volatile by Weight: 0.15%
Color: Clear	Vapor Density [air =1]: Not Established.	Evaporation Rate: Not Established
Odor: Petroleum distillates	Vapor Pressure: PSIG @ 70°F (Aerosols): 85-100.	Specific Gravity: 0.80
Boiling Point: N/A°C/N/A°F	Solubility in Water: Insoluble	pH (concentrate): N/A

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions

Hazardous Polymerization: Hazardous polymerization does not occur

Incompatibilities: Strong oxidizing agents

Reactive Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight. Avoid temperatures above 122°F (50°C).

Decomposition Products: Carbon oxides

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD 50 of Ingredient (Specify Species)	LC50 of Ingredient (Specify Species)
Hydrotreated Light Petroleum Distillates	64742-47-8	N/E	N/E	N/E
Tetramethrin	7696-12-0	N/E	Oral LD50 Rat: 4640 mg/kg	N/E
Permethrin	52645-53-1	N/E	Oral LD50 Rat: 383 mg/kg; Dermal LD50 Rabbit: >2 g/kg	N/E
Piperonyl butoxide	51-03-6	N/E	Oral LD50 Rat: 6150 mg/kg; Dermal LD50 Rabbit: 200 mg/kg	N/E

SECTION 12 – ECOLOGICAL INFORMATION

Hazardous Ingredients	Aquatic Toxicity Data
Hydrotreated Light Petroleum Distillates	N/A
Tetramethrin	N/A
Permethrin	96 Hr LC50 fathead minnow: 0.016 mg/L (flow-through)
Piperonyl butoxide	96 Hr LC50 rainbow trout (0.6 g): 0.0034 mg/L; 96 Hr LC50 bluegill (0.7 g): 0.0042 mg/L

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Should not be released into the environment. Toxic to fish and other water organisms. Dispose of in accordance with local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Special Shipping Information: No Data.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT (Land)	Consumer Commodity, ORM-D	No Data.	No Data.	No Data.
IMO (Water)	No Data.	No Data.	No Data.	No Data.
ICAO (Air)	Aerosols, Non-Flammable,	UN1950	No Data.	2.2

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: (Workplace Hazardous Material Information System)	N/A
SARA Title III: (Superfund Amendments & Reauthorization Act)	Yes - Tetramethrin, Permethrin, Piperonyl Butoxide
OSHA: (Occupational Safety & Health Administration)	See section 2
TSCA: (Toxic Substance Control Act)	Present
VOC: (volatile Organic Compounds)	0.15%
CPR: (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
EINECS: (European Inventory of Existing Commercial Chemical Substances)	N/E
DSL / NDSL: (Canadian Domestic Substance List)(Non-Domestic Substance List)	Present
CERCLA: (Comprehensive Response Compensation & Liability Act)	No
IDL: (Canadian Ingredient Disclosure List)	N/E
NFPA (HMIS) Rating: (Hazardous Materials Identification System)	Health=1; Fire=2; Reactivity=0 Personal protective equipment = B

SECTION 16 – OTHER INFORMATION

No Data.

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.