

**APACHE**

SDS Number: PS50A

Revision Date: 10/2/2018

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## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia Hernandez  
**Phone:** 504-733-1152  
**Fax:** 504-733-2218  
**Web:** www.wechem.com

**Product Identifier:** APACHE  
**Synonyms:** Solvent-Based Insecticide  
**SDS Number:** PS50A  
**Product Code:** PS50  
**Revision Date:** 10/2/2018  
**EPA Number:** 3862-105-34370  
**Product Use:** Non-Residual Flying and Crawling Insect Spray

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

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## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 4  
Health, Aspiration hazard, 1  
Health, Skin corrosion/irritation, 2  
Health, Skin sensitization, 1  
Health, Serious Eye Damage/Eye Irritation, 2 A

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word: DANGER**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H227 - Combustible liquid  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation

**GHS Precautionary Statements:**

P102 - Keep out of reach of children.  
P103 - Read label and SDS before use.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 - Avoid breathing mist/spray.  
P264 - Wash hands thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.

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- P331 - Do NOT induce vomiting.
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P361 + P364 - Take off immediately all contaminated clothing and wash it before reuse.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P370 + P378 - In case of fire: Use carbon dioxide, foam or dry chemical to extinguish.
- P233 - Keep container tightly closed.
- P240 - Ground and bond container and receiving equipment.
- P405 - Store locked up.
- P403 + P235 - Store in a well-ventilated place. Keep cool.
- P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

- Route of Entry:** Inhalation, skin absorption, ingestion, eye
  - Target Organs:** Aspiration hazard. This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.
  - Inhalation:** High vapor/aerosol concentrations are irritating to respiratory tract.
  - Skin Contact:** May cause irritation.
  - Eye Contact:** May cause serious eye irritation
  - Ingestion:** Harmful or fatal if swallowed.
- NOTE TO PHYSICIAN: Solvent presents an aspiration hazard. Gastric Lavage is indicated if taken internally.

<b>3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Chemical Ingredients		
CAS#	%	Chemical Name
64742-47-8	90-99%	Distillates, petroleum, hydrotreated light
113-48-4	0.5-1.5%	N-Octyl bicycloheptene dicarboximide
51-03-6	0.5-0.7%	Piperonyl butoxide
8003-34-7	0.2-0.4%	Pyrethrins

<b>4</b>	<b>FIRST AID MEASURES</b>
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- Inhalation:** Remove victim to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
  - Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse.
  - Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
  - Ingestion:** May be harmful or fatal if swallowed. Seek medical attention immediately. Do not induce vomiting.
- DANGER. Combustible liquid. May be harmful or fatal if swallowed. Aspiration hazard if swallowed. Keep away from heat and flame.

<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
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- Flash Point:** 170 F (76.7 C)
  - Autoignition Temp:** Not available
  - LEL:** Not Available
  - UEL:** Not Available
- Suitable extinguishing media: Use water spray, fog or foam.

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Unsuitable extinguishing media: None known.

Specific Hazards arising from the chemical: Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Runoff to sewer may create fire hazard.

Hazardous thermal decomposition products: Decomposition products may include the following materials, carbon dioxide carbon monoxide.

Specific fire-fighting methods: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Put on appropriate personal protective equipment (see Section 8)

Stop all leaks. isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Handling Precautions:** Do not get in eyes, on skin or on clothing. Avoid breathing sprays and vapors. Avoid skin contact. Keep out of reach of children.

Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Storage Requirements:** Do not use or store near heat, sparks or open flame. Store in a cool, dry place.

Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

<b>8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**Engineering Controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

**Personal Protective Equipment:** HMIS PP, G | Safety Glasses, Gloves, Vapor Respirator

**Eye/face Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

**Hand Protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other Skin Protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection:** Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based

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on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Pyrethrins (CAS 8003-34-7)

OSHA PEL 5 mg/m<sup>3</sup>  
ACGIH TLV 5 mg/m<sup>3</sup>

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Clear, Colorless to Yellow	<b>Odor:</b>	Slight Solvent
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Insoluble
<b>Spec Grav./Density:</b>	(H <sub>2</sub> O=1): 0.8	<b>Flash Point:</b>	170 F (76.7 C)
<b>Viscosity:</b>	Not available	<b>VOC:</b>	0% wt.
<b>pH:</b>	Not available		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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<b>Reactivity:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	High temperatures, open flames, sparks, welding.
<b>Materials to Avoid:</b>	Acids, strong oxidizers.
<b>Hazardous Decomposition:</b>	Carbon dioxide, Carbon monoxide. Vapors may ignite at temperatures exceeding flash point.
<b>Hazardous Polymerization:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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**Primary Route of Entry:** Skin contact, inhalation, ingestion

**Acute/Potential Health Effects:**

**EYES:** May cause serious eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** May cause skin irritation. Prolonged or repeated contact may dry the skin and cause sensitization. Symptoms may include redness, burning, drying of skin and skin burns.

**INHALATION:** High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing and headache.

**INGESTION:** Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

**Chronic / Long Term Effects:** None known.

**Target Organ Effects:** Skin.

**Reproductive/Developmental Information:** Not available.

**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

**Acute Toxicity Values:**

Pyrethrin: INHALATION LC50: > 2.03 mg/L for rats exposed for 4 hours to test atmosphere.

Piperonyl Butoxide: ORAL LD50 = 4.57 gm/kg in male rats; LD50 = 7.22 gm/kg in female rats.

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**ECOLOGICAL INFORMATION**

This product is toxic to fish, birds and other wildlife. Do not apply directly to water.

**Acute Toxicity:**

Distillates, petroleum, hydrotreated light (CAS# 64742-47-8)  
Fish LC50 2200 micrograms/l, 4 days Fresh Water (Lepomis macrochirus)

Piperonyl butoxide (CAS# 51-03-6)  
Daphnia EC50 0.51 ppm, 48 hrs, Fresh water (Daphnia magna)  
Crustaceans LC50 330 micrograms/l, 48 hrs, Fresh Water (Ceriodaphnia dubia-Neonate)  
Fish LC50 1860 ppb, 96 hrs, Fresh Water (Oncorhynchus mykiss)

**Bioaccumulation Potential:**

Piperonyl butoxide (CAS# 51-03-6) LogPow= 4.8

**Piperonyl Butoxide (CAS 51-03-6)**

FISH: LC50 (rainbow trout) 6.12 ppm; LC50 (bluegill) 5.37 ppm; LC50 (Sheepshead minnow) 3.94 ppm; LC50 (Mysid shrimp); 0.32 ppm; BIRD: LD50 (bobwhite quail) > 2250 mg/kg.

**Pyrethrins and Pyrethroids (CAS# 8003-34-7)**

Daphnia EC50 11.6 ppb, 48 hrs, Fresh Water (Daphnia magna)  
Crustaceans LC50 0.73 micrograms/l, 48 hrs, Fresh Water (Homarus americanus-Larvae)  
Fish LC50 3.2 ppb, 96 hrs, Fresh water (Oncorhynchus mykiss)

**Chronic Toxicity:****Piperonyl butoxide (CAS# 51-03-6)**

Daphnia NOEC 30ppb, 21 days, Marine water (Daphnia magna)  
Fish NOEC 0.23ppm, 35 days, (Pimephales promelas)

**Pyrethrins and Pyrethroids (CAS# 8003-34-7)**

Daphnia NOEC 0.86ppb, 21 days, Marine water (Daphnia magna)  
Fish NOEC 1.9ppb, 35 days, (Pimephales promelas)

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**DISPOSAL CONSIDERATIONS**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

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<b>14</b>	<b>TRANSPORT INFORMATION</b>
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Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

NOT REGULATED FOR CONTAINERS UNDER 50 GALLONS.

UN Number: NA3082

Proper Shipping name: Other regulated substances, liquid, N.O.S. (Pyrethrins)

Class: 9

Packing Group : III

<b>15</b>	<b>REGULATORY INFORMATION</b>
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Component (CAS#) [%] - CODES

Distillates, petroleum, hydrotreated light (64742-47-8) [90-99%] TSCA

N-Octyl bicycloheptene dicarboximide (113-48-4) [0.5-1.5%]

Piperonyl butoxide (51-03-6) [0.5-0.7%] SARA313, TSCA

RQ(1LBS), Pyrethrins (8003-34-7) [0.2-0.4%] CERCLA, MASS, OSHAWAC, PA, TXAIR

Regulatory CODE Descriptions

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 RQ = Reportable Quantity  
 TSCA = Toxic Substances Control Act  
 SARA313 = SARA 313 Title III Toxic Chemicals  
 CERCLA = Superfund clean up substance  
 MASS = MA Massachusetts Hazardous Substances List  
 OSHAWAC = OSHA Workplace Air Contaminants  
 PA = PA Right-To-Know List of Hazardous Substances  
 TXAIR = TX Air Contaminants with Health Effects Screening Level

**FIFRA Information:**

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Signal word: CAUTION. Hazard statement: Causes moderate eye irritation. Harmful if swallowed.

<b>16</b>	<b>OTHER INFORMATION</b>
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All information contained in this Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee expressed, or implied is made by Wechem, Inc. as to the results to be obtained based upon your use of the information nor does Wechem, Inc. assume any liability arising out of your use of the

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information.

N/A = Not available    N/D = Not determined