

Swat Team (Rev 1-22-24)

SDS Number: PS30F

Revision Date: 1/22/2024

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## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Product Identifier:** Swat Team (Rev 1-22-24)  
**SDS Number:** PS30F  
**Product Code:** PS30  
**Revision Date:** 1/22/2024  
**EPA Number:** 10088-93-34370  
**Product Use:** Fire Ant and Insect Dehydrator

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):

Health, Acute toxicity, 5 Oral  
Health, Acute toxicity, 4 Dermal  
Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Health, Specific target organ toxicity - Single exposure, 3

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation

#### GHS Precautionary Statements:

P103 - Read label before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P260 - Do not breathe dust.  
P262 - Do not get in eyes, on skin, or on clothing.  
P264 - Wash thoroughly with soap and water after handling.  
P281 - Use personal protective equipment as required.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.

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P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P342 - If experiencing respiratory symptoms: Call a poison control center or physician for treatment advice.  
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P337 - If eye irritation persists: Get medical advice/attention.  
 P402+404 - Store in a dry place. Store in a closed container.  
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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

**Route of Entry:** Inhalation, ingestion, skin absorption, eye  
**Target Organs:** NA  
**Inhalation:** May cause respiratory irritation.  
**Skin Contact:** Harmful if absorbed through skin.  
**Eye Contact:** Irritation, redness, tearing, and blurred vision.  
**Ingestion:** May cause gastrointestinal irritation.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
51-03-6 *****	10%	Piperonyl butoxide
	1-5%	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
8003-34-7	0.5-1.5%	Pyrethrins including cinerins

## 4 FIRST AID MEASURES

**Inhalation:** Move person to fresh air. Call a poison control center or doctor for further 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 further treatment advice.  
**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 further treatment advice.  
**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. 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.

## 5 FIRE FIGHTING MEASURES

**Flammability:** Non flammable  
**Flash Point:** > 200 Deg. F.  
**Flash Point Method:** TAG Closed Cup (TCC)  
 Extinguishing media: Water spray. Dry chemical powder. Carbon dioxide (CO2).

Special Fire fighting procedures: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Treat as oil fire. Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Keep nearby containers and equipment cool with a water stream. Contain the run-off, if possible, for proper disposal. Take account of environmentally hazardous firefighting water.

Unusual Fire & Explosion Hazard: Dusts at significant concentrations can form explosive mixtures with air when exposed to high temperatures. Upon combustion Carbon monoxide and Carbon dioxide are formed.

## 6 ACCIDENTAL RELEASE MEASURES

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Evacuate unnecessary personnel. Eliminate all ignition sources. Avoid contact with skin, eyes and clothing. Ventilate spillage area. Equip cleanup crew with proper personal protection. Contain the spill (prevent this product from reaching surface waters or other water supplies). Stop leak if safe to do so. Stop release. Prevent entry to sewers and public waters. Collect spillage. Sweep up the spill compound and transfer into waste containers for disposal.

This material and its container must be disposed of in a safe way, and as per local regulation.

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## HANDLING AND STORAGE

### Handling Precautions:

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Wear approved personal protective equipment. Do not get into eyes, on skin or on clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the label. Store containers upright and closed. Store in areas that are cool, dry and well ventilated. Keep away from heat, ignition sources and strong oxidizers. Emptied containers may retain product residues.

Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Storage Requirements:

Comply with applicable regulations. Keep container closed when not in use. Store away from incompatible products, such as, oxidizing agents. Store in a cool, dry and well-ventilated place. Keep out of reach of children.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Ventilation Requirement: Recommended.

### Personal Protective

Respiratory Protection: Do not breathe dusts. If recommended Exposure Limits are exceeded wear a NIOSH approved organic vapor respirator equipped with dust collector.

### Equipment:

Protective gloves: Chemical resistant

Eye protection: Chemical goggles

Hygienic work practices: Wash with soap and water before handling food.

Pyrethrins including cinerins cas#:(8003-34-7) [0.5-1.5%]

Components with workplace control parameters

TWA 5 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values (TLV)

Lower Respiratory Tract irritation Liver damage Not classifiable as a human carcinogen

TWA 5 mg/m<sup>3</sup> USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

TWA 5 mg/m<sup>3</sup> USA. Occupational Exposure Limits (OSHA) - Table Z- 1 Limits for Air Contaminants

TWA 5 mg/m<sup>3</sup> USA. NIOSH Recommended Exposure Limits

Pyrethrins including cinerins is a variable mixture of Cinerin, Jasmolin, and Pyrethrin.

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## PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

Fine, Off white powder

### Physical State:

Solid

### Spec Grav./Density:

(H<sub>2</sub>O=1): 0.304 g/cm<sup>3</sup>

### pH:

6.6 @ 20% (V/V) in water

### Odor:

Mild odor

### Solubility:

Dispersible

### Flash Point:

> 200 Deg. F.

### Vapor Density:

(Air=1): No data available

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## STABILITY AND REACTIVITY

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**Reactivity:** Upon combustion: CO and CO<sub>2</sub> are formed  
**Chemical Stability:** Stable  
**Conditions to Avoid:** None  
**Materials to Avoid:** Strong acid and alkaline materials  
**Hazardous Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
**Hazardous Polymerization:** Will not occur

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## TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Skin corrosion/irritation: Not classified  
pH: 6.6 @20% (V/V) washed in water

Serious eye damage/irritation: Not classified  
pH: 6.6 @20% (V/V) washed in water

Germ Cell mutagenicity: Not classified  
 Carcinogenicity: Not classified  
 Reproductive toxicity: Not classified

Aspiration hazard: Not classified  
 Symptoms/injuries after inhalation: May cause respiratory irritation.  
 Symptoms/injuries after skin contact: Harmful in contact with skin.  
 Symptoms/injuries after eye contact: Direct contact with eyes is likely irritating.  
 Lacrimation.  
 Symptoms/injuries after ingestion: Gastrointestinal complaints.

Piperonyl butoxide cas#:(51-03-6) [10%]

Information on toxicological effects

Acute toxicity:  
 Oral LD50 LD50 Oral - rat - 6,150 mg/kg  
 Inhalation LC50 LC50 Inhalation - rat - 4 h - > 5,900 mg/m<sup>3</sup>  
 Dermal LD50 LD50 Dermal - rat - > 7,950 mg/kg  
 Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: Genotoxicity in vitro - mouse - lymphocyte Mutation in mammalian somatic cells.

Genotoxicity in vitro - Hamster - Embryo Morphological transformation.  
 Genotoxicity in vitro - Hamster - ovary Sister chromatid exchange

Carcinogenicity:  
 Carcinogenicity - rat - Oral:  
 Tumorigenic: Carcinogenic by RTECS criteria. Liver: Tumors.

Carcinogenicity - mouse - Subcutaneous:  
 Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: Tumors. Liver: Tumors.

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**Carcinogenicity - mouse - Oral:**

Tumorigenic: Carcinogenic by RTECS criteria. Liver: Tumors.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity: Reproductive toxicity - rat - Oral:**

Maternal Effects: Other effects. Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Musculoskeletal system.

**Reproductive toxicity - rat - Oral:**

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

**Reproductive toxicity - mouse - Oral:**

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

**Reproductive toxicity - mouse - Oral:**

Effects on Newborn: Behavioral.

**Reproductive toxicity - mouse - Intraperitoneal:**

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

**Reproductive toxicity - mouse - Subcutaneous:**

Effects on Fertility: Pre-implantation mortality (e.g., reduction in number of implants per female; total number of implants per corpora lutea). Effects on Fertility: Litter size (e.g., # fetuses per litter; measured before birth). Effects on Embryo or Fetus: Extra embryonic structures (e.g., placenta, umbilical cord).

no data available

**Teratogenicity: Developmental Toxicity - rat - Oral:**

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Musculoskeletal system.

**Developmental Toxicity - mouse - Oral:**

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Newborn: Growth statistics (e.g., reduced weight gain). Effects on Newborn: Behavioral.

**Developmental Toxicity - mouse - Subcutaneous:**

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Embryo or Fetus: Fetal death. Specific Developmental Abnormalities: Eye, ear.

no data available

**Specific target organ toxicity - single exposure (Globally Harmonized System):**

no data available

**Specific target organ toxicity - repeated exposure (Globally Harmonized System):**

no data available

Aspiration hazard: no data available

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Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Vomiting, Diarrhoea, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: XS8050000

Hydrocarbons,C11-C-14,n-alkanes, isoalkanes,cyclics,<2% aromatics (CAS# Witheld) [1-5]

LD50 Oral >5000mg/kg body weight, 14 days (Rat)

LD50 Dermal >= 3160 mg/kg body weight, 14 days (Rabbit)

LC50 Inhalation >6.1 mg/l air, 14 days (Rat)

Pyrethrins including cinerins cas#:(8003-34-7) [0.5-1.5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 200 mg/kg

Inhalation LC50 Dermal LD50

LD50 Dermal - rabbit - 300 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Reproductive toxicity - rat - Oral:

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).  
no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

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no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion Toxic if swallowed. Skin Toxic if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Synergistic effects: no data available

Additional Information:

RTECS: UR4200000

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**ECOLOGICAL INFORMATION**

Data summary for the components are as follows:

Ecotoxicity:

Piperonyl butoxide cas#:(51-03-6) [10%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - 6.12 mg/l - 96.0 h.Toxicity to daphnia EC50 - *Daphnia magna* (Water flea) - 0.51 mg/l - 48 h.

and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Very toxic to aquatic life.

Hydrocarbons,C11-C-14,n-alkanes, isoalkanes,cyclics,&lt;2% aromatics (CAS# Witheld) [1-5]

BCF- Fish[1] 144.3//kg (BCFBAF v 3.00, Pisces, Calculated value)

Partition coefficient, n-octanol/water (Log Pow) 1.99-7.71 (QSAR, KOWWIN, 20C)

Bioaccumulative potential Low potential for bioaccumulation (BCF &lt;500)

Pyrethrins including cinerins cas#:(8003-34-7) [0.5-1.5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - 0.05 mg/l - 96.0 h.Fish LC50 0.049 mg/l, 96 hrs (*Lepomis macrochirus*)

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LC50 0.009 mg/l, 96 hrs (Ictalurus punctatus)  
Other Aquatic LC50 0.011 mg/l, 96 hrs (Gammarus sp.)  
Organisms

Toxicity to daphnia EC50 - Daphnia pulex (Water flea) - 0.02 mg/l - 48 h.  
and other aquatic  
invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Very toxic to aquatic life.

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## DISPOSAL CONSIDERATIONS

Contaminated absorbent and wash water should be disposed of according to local, state, and federal regulations.

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## TRANSPORT INFORMATION

Proper Shipping Name: Not regulated for transport (Insecticide, Powder)

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## REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[10%] Piperonyl butoxide (51-03-6) SARA313, TSCA

[1-5%] Hydrocarbons, C11-C-14, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS# Withheld) [1-5]

[0.5-1.5%] RQ(1LBS), Pyrethrins including cinerins (8003-34-7) CERCLA, MASS, OSHAWAC, PA, TXAIR

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear long sleeved shirt, long pants, socks, and shoes. Wash thoroughly with soap and water after handling.

All components of this product are listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA).

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

### Regulatory Code Legend

RQ = Reportable Quantity  
SARA313 = SARA 313 Title III Toxic Chemicals  
TSCA = Toxic Substances Control Act  
CERCLA = Superfund clean up substance



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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

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## OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

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

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