



Material Safety Data Sheet

PYRENONE® 25-5 PUBLIC HEALTH INSECTICIDE

MSDS Number: 102000004841
MSDS Version 3.1

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.

- Eye/Face Protection** Tightly fitting safety goggles
- Hand protection** Chemical resistant nitrile rubber gloves
- Body Protection** Wear long-sleeved shirt and long pants and shoes plus socks.
- Respiratory protection** When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

Exposure Limits

| | | | | |
|-------------------------------|-----------|-----------|---------|----------|
| Pyrethrins including cinerins | 8003-34-7 | ACGIH | TWA | 5 mg/m3 |
| | | NIOSH | REL | 5 mg/m3 |
| | | OSHA Z1 | PEL | 5 mg/m3 |
| | | OSHA Z1A | TWA | 5 mg/m3 |
| | | US CA OEL | TWA PEL | 5 mg/m3 |
| | | TX ESL | ST ESL | 50 ug/m3 |
| | | TX ESL | AN ESL | 5 ug/m3 |
| | | OES BCS* | TWA | 5 mg/m3 |
| Piperonyl butoxide | 51-03-6 | TN OEL | TWA | 5 mg/m3 |
| | | OES BCS* | TWA | 500 ppm |

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** amber
- Physical State** liquid
- Odor** mild
- Density** ca. 0.881 g/cm³ at 20 °C
- Water solubility** insoluble

SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid** Heat, flames and sparks.
- Incompatibility** Strong oxidizing agents



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous Component Name</u> | <u>CAS-No.</u> | <u>Average % by Weight</u> |
|---|----------------|----------------------------|
| Pyrethrins including cinerins | 8003-34-7 | 5.00 |
| Piperonyl butoxide | 51-03-6 | 25.00 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 15.00 |

SECTION 4. FIRST AID MEASURES

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|---------------------------|--|
| General | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment. |
| Eye | 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 physician or poison control center immediately. |
| Skin | Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately. |
| Ingestion | Call a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended. |
| Inhalation | Move 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 physician or poison control center immediately. |
| Notes to physician | |
| Signs and Symptoms | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. If large amounts are ingested, the following symptoms may occur: Dizziness Lack of coordination Tremors Unconsciousness |
| Hazards | Contains hydrocarbon solvents. May pose an aspiration pneumonia hazard. |
| Treatment | Treat symptomatically. There is no specific antidote. |

SECTION 5. FIRE FIGHTING MEASURES

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| Flash point | 137,8 °C / 280.0 °F Test type: Tag closed cup |
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