



S A F E T Y D A T A S H E E T (GHS)

SECTION 1 – IDENTIFICATION OF THE PRODUCT AND COMPANY

- 1.1. PRODUCT NAME:** PYRANHA® INSECTICIDE FOR HORSES & PREMISES
EPA REG. No.: 21165-1
- 1.2. PRODUCT DESCRIPTION:** Oil based, aerosol insecticide/repellent, grooming aid and conditioner.
- 1.3. MANUFACTURER:** Pyranha, Inc.
6602 Cunningham Rd.
Houston, Texas 77041
www.pyranhainc.com
(800) 231-2966
- 1.4. EMERGENCY TEL:** (800) 222-1222
- 1.5. RECOMMENDED USE:** For use on horses and animal quarters.

SECTION 2 – HAZARDS IDENTIFICATION

2.1. CLASSIFICATIONS:

HEALTH: Acute Toxicity (Dermal), Category 5
Acute Toxicity (Eye), Category 5
Acute Toxicity (Inhalation), Category 5

ENVIRONMENTAL: Acute Hazards to the Aquatic Environment, Category 1

2.2. LABEL:



Aquatic Toxicity



Irritant



Aspiration Toxicity



Flammable



Liquefied Gas

2.3. SIGNAL WORD: **DANGER**

2.4. HAZARD STATEMENTS: Extremely Flammable Aerosol
Contains gas under pressure; May explode if heated.
Harmful if swallowed, inhaled or absorbed through the skin.
Dermatitis may occur due to long-term irritation.
May be fatal if swallowed and enters airways.
Causes skin and serious eye irritation.
Toxic to aquatic life.

2.5. PRECAUTIONARY STATEMENTS:

Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Protect from sunlight. Wear protective gloves and eye protection. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Dispose of contents and container in accordance with local, state, and national regulations. Keep out of reach of children. Store locked up.

Contains petroleum distillates – Vomiting may cause aspiration pneumonia.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1. MIXTURES:

CHEMICAL NAME	Wt. %	CAS No.
Pyrethrins	0.30 %	8003-34-7
Piperonyl Butoxide	2.40 %	51-03-6
Butoxypolypropylene glycol	15-40 %	9003-13-8
Isoparaffinic Hydrocarbon	15-40 %	64742-47-8
Propane/n-Butane	15-40 %	68476-86-8

The inert ingredients not identified are proprietary, non-hazardous and/or are below reportable limits.

The above listed values are typical and do not represent a product specification.

SECTION 4 – FIRST-AID MEASURES

4.1. FIRST AID INSTRUCTIONS:

- EYES:** 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:** 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.
- 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.
- INGESTION:** Immediately call a poison control center or doctor. Do not give any liquid to the person. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

4.2. NOTE TO PHYSICIAN:

- SIGNS AND SYMPTOMS:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). Treatment of overexposure should be directed at the control of symptoms and clinical condition of the patient.

- HAZARDS:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.

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SECTION 5 – FIRE-FIGHTING MEASURES

- 5.1. FLAMMABLE CLASS:** Flammable Aerosol: Category 1
- 5.2. EXTINGUISHING MEDIA:** Foam, carbon dioxide (CO₂) and water fog.
- 5.3. FIRE AND EXPLOSION HAZARDS:**
Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
- 5.4. SPECIAL PROCEDURES:** Keep out of smoke. Fight fire from upwind position. Cool nearby containers and equipment to prevent pressure build up and possible explosion. Do not allow run-off from firefighting to enter drains or water courses. Use a full-faced self-contained breathing apparatus (SCBA) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1. RESPONSE TO SPILLS:** Remove all sources of ignition. Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces. Stop leak, if possible without risk. Dike or contain spill.
- 6.2. METHODS OR CLEANUP:** Soak up with non-combustible absorbent material (e.g. sand, silica gel, vermiculite, saw dust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.
- 6.3. WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal regulations. Do not place product down any indoor/outdoor drain. Do not contaminate soil, waterways or waste water canal. Do not reuse container, recycle if available.
- 6.4. ADDITIONAL ADVICE:** Use personal protective equipment.

SECTION 7 – HANDLING AND STORAGE

- 7.1. SAFE HANDLING:** Avoid inhaling concentrated vapors. Protect from sunlight. Store in a well ventilated place. Keep away from heat and sources of ignition. Do not pierce or burn. Store locked up.
- 7.2. SAFE STORAGE:** Keep out of reach of children.
Do not contaminate water, food or feed stuffs.
Store in the original container in a cool, dry place.
- 7.3 HYGIENE:** Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves, clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. ENGINEERING CONTROLS: Provide adequate ventilation. Eye wash station is recommended.

8.2. PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits are exceeded.

SKIN: Wear long sleeved shirt, long pants, socks and shoes.
Chemical resistant gloves.

EYE: Safety Glasses with side-shields/Goggles as needed.

8.3. EXPOSURE LIMITS:

Pyrethrins including cinerins	8003-34-7	ACGIH	TWA	5 mg/m ³
		NIOSH	REL	5 mg/m ³
		OSHA Z1	PEL	5 mg/m ³
		OSHA ZIA	TWA	5 mg/m ³
		US CA OEL	TWA PEL	5 mg/m ³
		TX ESL	ST ESL	50 µg/m ³
		TX ESL	AN ESL	5 µg/m ³
		OES BCS*	TWA	5 mg/m ³
		TN OEL	TWA	5 mg/m ³
		OES BCS*	TWA	500 ppm
Piperonyl Butoxide	51-03-6	OSHA	PEL	400 ppm
Isoparaffinic Hydrocarbon	64742-47-8	ACGIH	TLV	500 ppm
Propane/n-Butane	68476-86-8	OSHA	PEL	1000 ppm
		ACGIH	TLV	1000 ppm

*OES BCS: Internal Bayer CropScience “Occupational Exposure Standard”

8.4. OTHER PRECAUTIONS: Keep out of reach of children. Avoid contact with skin, eyes or clothing.
Wash hands thoroughly with soap and water after handling and before eating, drinking and using the toilet.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. APPEARANCE: Clear white to yellow spray mist

9.2. ODOR: Slight citrus odor

9.3. SOLUBILITY WATER: Insoluble in water

9.4. SPECIFIC GRAVITY (H₂O=1): 0.89

9.5. EVAPORATION RATE: < 0.8 (Slow)

9.6. FLASH POINT: Not determined

9.7. VAPOR PRESSURE (mm Hg): 70 psi

9.8. VAPOR DENSITY (air = 1): > 2

9.9. VOLATILITY INCLUDING WATER (%): 30%

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9.10. VOLATILE ORGANIC COMPOUNDS (VOC):	30%
9.11. ODOR THRESHOLD:	None established
9.12. PARTITION COEFFICIENT:	n-octanol/water: none established
9.13. DECOMPOSITION TEMPERATURE:	Not determined
9.14. VISCOSITY:	Not determined
9.15. AUTO-IGNITION TEMPERATURE:	Not determined
9.16. RELATIVE DENSITY:	Not determined
9.17. FREEZING POINT:	Not determined
9.18. pH:	Not determined
9.19. LOWER FLAMMABILITY LIMIT:	Not determined
9.20. UPPER FLAMMABILITY LIMIT:	Not determined

SECTION 10 – STABILITY AND REACTION

10.1. REACTIVITY:	Not likely to react under normal storage and use conditions. If exposed to strong oxidizers, presents explosion hazard.
10.2. CHEMICAL STABILITY:	Stable under normal ambient temperature and conditions. No stabilizers needed.
10.3. OTHER:	Avoid extreme temperatures and direct sunlight. Not compatible with strong acids, strong alkalis, and strong oxidizing agents.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1. HEALTH EFFECTS:	Isoparaffinic Hydrocarbon (64742-47-8): Eye Damage/Irritation: 2B; Aspiration Hazard: Category 1 Butoxypolypropylene Glycol (9003-13-8): Skin Damage/Irritation: Category 2; Eye Damage/Irritation: Category 2A	
11.2. ACUTE:		
Eyes:	Minimally irritating	Redness, tearing, blurred vision
Dermal:	LD ₅₀ > 2,000 mg/kg	Defatting and dermatitis
Oral:	LD ₅₀ > 5,000 mg/kg	Abdominal irritation, nausea, vomiting, diarrhea, aspiration
11.3. CHRONIC:	Dermatitis may occur due to long-term irritation.	
11.4. SYMPTOMS:		
SKIN EFFECT:	Causes localized defatting, irritation, dermatitis.	
EYE EFFECT:	Causes irritation, redness, tearing.	
INGESTION:	Aspiration major hazard.	
INHALATION:	Causes dizziness, headaches.	

11.5. CARCINOGENICITY: None of the components present at concentrations in this mixture are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

SECTION 12 – ECOLOGICAL INFORMATION

12.1. TOXICITY: This product is toxic to aquatic organisms, including fish and aquatic invertebrates.
This product is toxic to bees exposed to direct treatment.
Keep out of lakes, streams, or ponds.

SECTION 13 – DISPOSAL CONSIDERATION

13.1. DISPOSAL: Do not contaminate water, food or feed by cleaning of container or disposal of wastes.

13.2. PESTICIDE DISPOSAL: Product that cannot be used according to the label instructions must be disposed of at or by an approved waste disposal facility. Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).
Never place any unused product down any indoor or outdoor drain.

13.3. CONTAINER DISPOSAL: Offer for recycling, if available. Dispose of in accordance with federal, state, and local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

14.1. PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

14.2. HAZARD CLASS/DIVISION: 2.1
UN-Number: **UN 1950**
Packaging group: N/A
Environmental Hazard: Marine Pollutant

14.3. SPECIAL PRECAUTIONS: None identified

SECTION 15 – REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT):

All components of this product are listed on the U.S. Toxic Substance Control Act Chemical Inventory or are exempt from listing because a Low Volume or Polymer Exemption has been granted.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

FIRE: No

PRESSURE GENERATING: No

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REACTIVITY: No
ACUTE: Yes

313 REPORTABLE INGREDIENTS:

CHEMICAL NAME	Wt. %	CAS No.
Piperonyl Butoxide	2.4 %	CAS# 51-03-6

US STATES REGULATORY REPORTING:**CA Prop65:**

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

US State Right-To-Know Ingredients

Pyrethrins including cinerins	80003-34-7	CA, CT, IL, MN, PA, RI
Piperonyl Butoxide	51-03-6	NJ

FIFRA (FEDERAL INSECTIDE, FUNGICIDE AND RODENTICIDE ACT):

This product is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS). The following is the hazard information as required on the pesticide label:

CAUTION: Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse. Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Exposure to temperatures above 130°F may cause bursting. This pesticide is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate. See directions for Use for additional precautions and requirements. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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SECTION 16 – OTHER INFORMATION

16.1. REVISION SUMMARY: This SDS replaces the 051215 SDS.
 Version #2, GHS – Classification.
 Revised: Sections 2 and 11.

16.2. COMMENTS: This information is furnished without warranty, expressed or implied, except that it is accurate to the best of the knowledge of Pyranha, Inc. and is based on sound expert opinion. The data in this document relates only to the specific material designed herein and does not relate to use in combination with any other material or in any process. Pyranha, Inc. assumes no legal responsibility for use or reliance upon this data. This information herein is provided solely for your consideration, investigation and verification.

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