

MATERIAL SAFETY DATA SHEET

PRESCRIPTION TREATMENT® brand ULD® HydroPy-300

EMERGENCY PHONE NUMBERS:

MEDICAL: 800-225-3320 (PROSAR)

TRANSPORTATION: 800-424-9300 (CHEMTREC)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PRESCRIPTION TREATMENT® brand ULD® HydroPy-300
EPA Reg. No.: 499-427
Product Code(s): 02-4850 (4 x 1 gallon)
02-4851 (1 x 30 gallon)
EPA Signal Word: CAUTION
Distributed by: Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION INFORMATION

ACTIVE INGREDIENTS (19.0%)	%	CAS NO.
Pyrethrins	3.0%	8003-34-7
Piperonyl Butoxide, Technical	6.0%	51-03-6
N-octyl bicycloheptene dicarboximide	10.0%	113-48-4

OTHER INGREDIENTS* (81.0%)	%	CAS NO.
Casul 70HF	proprietary	NA
Castor Oil, ethoxylated	proprietary	61791-12-6

* All ingredients may not be listed. Ingredients not listed do not meet the reporting requirements of the OSHA Hazard Communication Standard (HCS) as specified in 29 CFR 1910.1200.

EXPOSURE INFORMATION

Material	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
Pyrethrins	NE	NE	10 mg/M ³	5 mg/M ³
Piperonyl Butoxide, Technical	NE	NE	NE	NE
N-octyl bicycloheptene dicarboximide	NE	NE	NE	NE
Casul 70HF				
Castor Oil, ethoxylated	NE	NE	NE	NE

SECTION 3. HAZARDS IDENTIFICATION

SIGNS/SYMPTOMS OF EXPOSURE

Direct contact with eyes can cause moderate irritation. Prolonged or repeated contact with skin may cause irritation.

ROUTES OF ENTRY

Primary: Skin **Secondary:** Ingestion **Tertiary:** Inhalation

HAZARDOUS DECOMPOSITION PRODUCTS

When exposed to fire, produces normal products of combustion.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

None known.

SECTION 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Describe any symptoms and follow the advice given.

Ingestion: Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 treatment advice.

Eye Contact: Hold eyes open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency Telephone Number of Prosar: 800-225-3320

SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION

Flash Point (TOC): > 200° F

Explosibility Limits in Air (% by volume):

Lower (LEL) = NE

Upper (UEL) = NE

IN CASE OF FIRE

Extinguisher Media: Foam, Dry Chemical, water

Special Fire Fighting Procedures: None required; water based product.

SECTION 6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), use absorbent material to collect and contain for salvage or disposal. Ventilate area.

This product contains the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) listed chemical *Pyrethrins* which has a reportable quantity (RQ) of 1 lb. A release of more than 33 pounds of this product (approx. 4 containers) is reportable to the National Response Center (800-424-8802).

Emergency Telephone Number of Chemtrec: (800) 424-9300 (for transportation spills)

PROTECTIVE EQUIPMENT

Eyes: Wear splash proof goggles.

Skin: Wear chemical resistant gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

Inhalation: Wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

WASTE DISPOSAL METHOD

Take full or leaking containers to a local disposal company for biological treatment or incineration. Review all Local, State, and Federal regulations concerning health and pollution to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal.

SECTION 7. HANDLING AND STORAGE

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. CAUTION – Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Do not remain in enclosed areas after use. Remove pets, birds, cover fish aquariums and turn off air pump motor before spraying.

OTHER PRECAUTIONS

In health care facilities, remove patients prior to treatment. Thoroughly ventilate treated area for two hours before returning patients.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE

Do not contaminate water, food or feed by storage. Store in original container in secured, dry storage area inaccessible to children. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated in Section 6.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: During any general volumetric treatment, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE.

Protective Gloves: If prolonged or repeated skin contact is likely, chemical resistant gloves are recommended. (Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

Eye Protection: Wear splash proof goggles.

Other Protective Equipment: Rubber boots, full legged pants, long sleeve shirts. Launder contaminated equipment or clothing before reuse.

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VENTILATION

Local Exhaust: None required.

Mechanical: Provide adequate ventilation of treatment area.

Special: None required.

Other: Ventilate area before reentering.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid.

Solubility in Water: Soluble.

Viscosity: 6.58 cps

Boiling Point: NE

pH: 5.24

Odor: Slight characteristic Pyrethrum odor

Vapor Pressure: NE

Vapor Density: NE

Freezing/Melting Point: NE

Density: 0.9877 g/ml @ 20° C

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: stable.

Conditions to Avoid: None known.

Incompatibility (Material to Avoid): None known.

Hazardous Polymerization: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

When exposed to fire, produces normal products of combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

Primary: Skin

Secondary: Ingestion

Tertiary: Inhalation

ACUTE

Eyes: Direct contact with eyes can cause irritation. Produced slight, reversible conjunctival irritation in rabbits.

Skin: Prolonged or repeated contact of product with skin may cause irritation. Produced an average primary skin irritation score of 0.08 in rabbits. Acute dermal toxicity LD₅₀ > 2,000 mg/kg (rabbits).

Ingestion: Acute oral toxicity LD₅₀ > 5,000 mg/kg (rats).

Inhalation: Acute inhalation LC₅₀ > 4.1 mg/L (rats).

CHRONIC / CARCINOGENICITY

Neither this product nor any of its ingredients are classified as carcinogens by the National Toxicity Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

SECTION 12. ECOLOGICAL INFORMATION

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal. Dispose of container and wastes in accordance with all Federal, state and local regulations.

Container Disposal: Do not reuse this container. Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Never place unused product down any indoor or outdoor drain.

Waste Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION (4 GALLONS OR LESS)

Proper Shipping Name: Liquid Insecticide (Not Regulated)

DOT Hazard Class: NA

DOT CLASSIFICATION (GREATER THAN 4 GALLONS)

Proper Shipping Name: RQ, Environmentally Hazardous Substance, Liquid, NOS (Pyrethrin)

DOT Hazard Class: 9

UN I.D. NO.: UN 3082

Packing Group: III

IMDG (OCEAN) CLASSIFICATION

Same as DOT.

ICAO / IATA (AIR) CLASSIFICATION

Same as DOT. Complete air bill with packaging instruction 914, ERG code 9L and list as Cargo Only.

SECTION 15. REGULATORY INFORMATION

CERCLA

This product contains the CERCLA listed chemical *Pyrethrins* which has a reportable quantity (RQ) of 1 lb.

SARA TITLE III SECTION 311/312 HAZARD CLASS

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard

SARA TITLE III SECTION 313 CHEMICALS

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Piperonyl Butoxide, Technical

6.0% by weight

TSCA

All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SECTION 16. OTHER INFORMATION

NFPA HEALTH RATING INFORMATION

HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 1

HMS HAZARD RATING INFORMATION

HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 1

KEY: 4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen Customer Service Department at 800-777-8570.

NA - Not Applicable
NE - Not Established
PEL - Permissible Exposure Limit
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit (15 min.)
TWA - Time Weighted Average (8 hrs)



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

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