

# Whitemire PT-565 MSDS Sheet

The following MSDS information is for [WHITMIRE PT-565 XLO](#). Keep in mind that MSDS sheets do change and we are not able to keep the most up to date posted all the time. For most uses, this will not be critical but if it is, contact the manufacturer or if you need more help, give us a call at 1-800-877-7290 and we'll try to further assist.

## MATERIAL SAFETY DATA SHEET

Prescription Treatment® brand 565 Plus XLO® Formula 2 EMERGENCY PHONE NUMBERS:

MEDICAL: 800-225-3320 (ProSAR) TRANSPORTATION: 800-424-9300 (Chemtrec)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: EPA Reg. No.: Product Code(s): EPA Signal Word: Distributed by: Prescription Treatment® brand 565 Plus XLO® Formula 2 499-290 02-0505 (12 x 20 oz) CAUTION

Whitemire 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 (2.5%) % CAS NO.

Pyrethrins 0.58003-34-7

Piperonyl Butoxide, Technical

n-Octyl Bicycloheptene Dicarboximide

1.0 51-03-6

1.0 113-48-4

OTHER INGREDIENTS\* (97.5%) % CAS NO.

Isopropanol proprietary 67-63-0 Dimethyl Ether proprietary 115-10-6 \* 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

OSHA PEL MATERIAL STEL TWA STEL TWA

Pyrethrins Piperonyl Butoxide, Technical n-Octyl Bicycloheptene Dicarboximide

Isopropanol Dimethyl Ether

NE NE NE NE NE NE NE NE NE

NE 400 ppm 500 ppm NE NE NE

400 ppm 1,000 ppm

## SECTION 3. HAZARDS IDENTIFICATION

SIGNS/SYMPTOMS OF EXPOSURE Prolonged exposure may cause skin irritation, and drying of nose and throat. May cause eye irritation. A few cases of extrinsic asthma have been reported for Pyrethrins.

ROUTES OF ENTRY Primary: Skin Secondary: Ingestion Tertiary: Inhalation

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition in open flame may result in carbon dioxide and carbon monoxide.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

#### 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: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. 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 min. Call a poison control center or doctor for treatment advice.

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

Note to Physician: None Medical Conditions Generally Aggravated by Exposure:  
None known Emergency Telephone Number of Prosar: 800-225-3320 (for medical emergencies)

#### SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION Flash Point (TCC):  $\leq 20^{\circ}\text{F}$  Flame Projection:  $> 18''$

Explosibility Limits of propellant in Air (% by volume):

Lower (LEL) = 3.4% Upper (UEL) = 18.0% NFPA 30B Flammability: Level 1  
Aerosol

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

IN CASE OF FIRE Extinguisher Media: Carbon Dioxide, Dry Chemical, Foam Special  
Fire Fighting Procedures: Fire fighting personnel should wear full protective equipment and positive pressure self-contained breathing apparatus (SCBA) approved for firefighting.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK If container begins to leak (through puncture, etc.), eliminate all ignition sources and allow to discharge completely in well ventilated area, then dispose of as directed below. 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 194 lbs of this product (approximately 155 cans) is reportable to the National Response Center (800-424-8802). Emergency Telephone Number of Chemtrec: 800-424-9300 (for transportation spills)

PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL 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.)  
Eyes: Use proper protection – safety glasses are recommended. Inhalation: Use of a respirator may be appropriate when working with spills in enclosed or confined spaces, or when prolonged exposure to product vapor or spray mist may occur. When using a respirator, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter. See 29 CFR 1910.134 for respiratory protection, training and testing requirements.

WASTE DISPOSAL METHOD Do not contaminate water, food or feed by storage or disposal of wastes. 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.

NEVER PLACE WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

## SECTION 7. HANDLING AND STORAGE

HAZARDS TO HUMANS AND DOMESTIC ANIMALS Keep out of reach of children.

CAUTION – Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

OTHER PRECAUTIONS Do not spray on plastic, painted or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Do not use this product in electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. In health care facilities do not apply this product in hospital rooms while occupied. Remove patients prior to treatment. Room should be ventilated for 2 hr after spraying. Do not return patients to room until after ventilation. Foods should be removed or covered during treatment. In food processing areas all utensils, shelving, etc. where food will be handled should be covered or removed before treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse prior to use. Do not apply to classrooms when in use.

PHYSICAL OR CHEMICAL HAZARDS Extremely Flammable – Contents under pressure. Keep away from heat, sparks and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

STORAGE Do not contaminate water, food or feed. Store in a cool, dry area away from heat or open flame and inaccessible to children.

## SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE) Respiratory Protection: For prolonged exposure or if used in enclosed or confined areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter may be used. See 29 CFR 1910.134 for respiratory protection, training, and testing requirements. Protective Gloves: Chemical-resistant gloves are recommended if prolonged or repeated skin contact is likely. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.) Eye Protection: Use proper protection – safety glasses are recommended. Other Protective Equipment: None required

VENTILATION Local Exhaust: None required Mechanical: None required Special: None required Other: Ventilate treated areas before reoccupying.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Sprays as a strong, dry mist Solubility in Water: Slight Viscosity: NE

Boiling Point: NE

Odor: Characteristic Pyrethrin odor Vapor Pressure: 62 psig @ 70°F Vapor Density:

NE Freezing/Melting Point: NE Density: 0.85 g/cm<sup>3</sup> @ 68°F

pH: 6.5 – 7.5 (1% in water) SECTION 10. STABILITY AND REACTIVITY

REACTIVITY Stability: Indefinite when stored and used according to label

directions. Conditions to Avoid: Heat, sparks, open flame and heated surfaces

Incompatibility (Material to Avoid): None known Hazardous Polymerization: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition in open flame will result in carbon dioxide and carbon monoxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY Primary: Skin

Secondary: Ingestion

Tertiary: Inhalation

ACUTE Ingestion: Acute oral toxicity: LD<sub>50</sub> > 2,000 mg/kg (rats). Skin: Prolonged

exposure may cause skin irritation. Acute dermal toxicity: LD<sub>50</sub> > 2,000 mg/kg

(rabbits). Primary skin irritation Index = 0.08 (rabbits). Product is not a dermal

sensitizer when tested on guinea pigs. Eye: Product may cause eye irritation.

Produced slight, conjunctival irritation clearing in 48 hr (rabbits). No corneal opacity

or iritis was observed. Inhalation: Unlikely due to the product being pressurized and

producing particles large enough not to be respirable. Acute inhalation toxicity:

LC<sub>50</sub> > 7.4 mg/L (rats). A few cases of extrinsic asthma have been reported for

Pyrethrins. Prolonged exposure may cause drying of nose and throat.

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). Slightly elevated incidences of benign tumors of the thyroid

and liver were seen in rats following lifetime administration of high doses of

Pyrethrins. Further detailed scientific studies into the mode of action responsible

for these effects show that: • Because of biological species differences, the rat

thyroid tumors are not relevant

to humans. • The rat liver tumors occur in animals only at doses greatly exceeding

human exposure

levels and that cause cell proliferation (mitogenesis).

Based on these data, the USEPA has classified Pyrethrins as "Not likely to be

Carcinogenic to Humans" at doses that do not cause a mitogenic response in the

liver/cell proliferation. Thus, Pyrethrins can be considered to be non-carcinogenic

at exposure levels relevant to human use of Pyrethrins-containing products.

## SECTION 12. ECOLOGICAL INFORMATION

This product is toxic to fish. 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.

## SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or waste. Dispose

of container and waste in accordance with all federal, state and local regulations. Container Disposal: Do not puncture or incinerate! Empty container by using the product according to the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency for disposal instructions.

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

SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION) Proper Shipping Description: Consumer Commodity ORM-D Package Marking: Consumer Commodity ORM-D Package Labeling: None required

Certified Packaging: None required Product in unopened original packaging is compliant with all regulations for ground shipment within the U.S. WMG disclaims any liability for claims or damages that may result from shipment by other means. Packages offered or intended for other modes of transportation are subject to additional requirements. Consult an appropriately trained Shipping Professional before offering for shipment.

#### 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 SECTIONS 311/312 HAZARD CLASS This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 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:

Immediate (Acute) Health Hazard Fire Hazard Release of Pressure (Puncture) Hazard

SARA TITLE III SECTION 313 CHEMICALS This product contains the following substance subject to the reporting requirements of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and/or 40 CFR Part 372:

Piperonyl Butoxide, Technical (CAS# 51-03-6)

1.0% 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

KEY: 4 = Severe 3 = High

2 = Moderate 1 = Slight 0 = Minimal

NFPA HEALTH RATING INFORMATION HEALTH – 1 FLAMMABILITY – 3

HMIS HAZARD RATING SYSTEM HEALTH – 1 FLAMMABILITY – 3

INSTABILITY – 1 PHYSICAL HAZARD – 0