

## SAFETY DATA SHEET

### 1. IDENTIFICATION

Product Name: Harrell's ProtectMAX® Propiconazole Fungicide  
(EPA Reg. No. 228-623-52287)

Product Type: Liquid

Recommended use / restrictions of use: Professional applications of agricultural chemicals. No restrictions.

Supplier's Details: Harrell's LLC  
5105 New Tampa Hwy  
Lakeland, FL 33815  
1-800-282-8007

Emergency contact number  
Name : Chemtrec  
Phone Number : 1-800-424-9300  
Customer Number : 10202

For Medical Emergencies  
Phone Number : 1-877-325-1840

### 2. HAZARDS IDENTIFICATION

Hazard classification: This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

Reproductive toxicity – Category 1B  
STOT-RE – Category 2  
Eye irritation – Category 2A  
Acute toxicity (inhalation) – Category 4

Hazard pictograms:



Signal word: Danger

Hazard statements: May damage fertility or the unborn child  
May cause damage to organs through prolonged or repeated exposure  
Causes serious eye irritation  
Harmful if inhaled

Precautionary statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, and face protection. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe fume, gas, mist, vapours, or spray.  
If exposed or concerned: Get medical advice/attention.  
If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a doctor if you feel unwell.

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If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice.  
Store locked up.  
Dispose of contents/container to an approved waste disposal.

Other hazards: None

Other hazards not contributing to the classification: Spill area may be slippery.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**This product is a mixture**

| Chemical name/component | CAS#       | Concentration |
|-------------------------|------------|---------------|
| Propiconazole           | 60207-90-1 | 14 - 15%      |

## 4. FIRST-AID MEASURES

### Description of first aid measures

Eye Contact --If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.  
Skin Contact - If on skin: Wash thoroughly with soap and water. Launder clothing before reuse  
Inhalation -- If inhaled: Remove affected person from source of exposure. Call 911 if breathing is difficult.  
Ingestion -- If ingested: Do not induce vomiting. Get medical attention. Have the product label with you when calling a doctor or going for treatment.

Indication of any immediate medical attention and special treatment needed: No additional information available.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide, sand.  
Unsuitable extinguishing media: Do not use heavy water stream.

Special hazards arising from the substance or mixture: No additional information available.

### Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed container. Exercise caution when fighting any chemical fire. Avoid allowing fire-fighting water to enter environment.  
Protection during firefighting: Wear respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment, and emergency procedures

Protective equipment: Use protective equipment to prevent contact with skin and eyes or inhalation of vapors or spray mist.  
Emergency procedures: Site specific.  
Environmental precautions: Prevent entry to sewers and public surface waters.

### Methods and material for containment and cleaning up

Clean up methods: Use mechanical means. Store material in suitable containers for recycle or disposal.

Reference to other sections: See Section 7 for safe handling information.

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## 7. HANDLING AND STORAGE

Precaution for safe handling: Avoid contact with skin, eyes, or clothing. After handling, wash hands and exposed skin thoroughly with soap and water. Avoid generating and breathing vapor and spray mist. Remove clothing and wash before eating and drinking.

Fire/explosion precautions: No special measures required.

### Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry, cool, and well-ventilated area. Protect from weather.

Incompatible materials: Strong bases and strong acids.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

| Component                | Regulation | Type of listing | Value/Notation |
|--------------------------|------------|-----------------|----------------|
| No components identified |            |                 |                |

### Exposure controls

Appropriate engineering controls: Use adequate ventilation to prevent exposure.

Hand protection: Wear suitable protective gloves.

Eye protection: Safety glasses with side shields or tight fitting goggles.

Skin and body protection: Wear long sleeved clothing and other suitable clothing to prevent skin exposure.

Respiratory protection: Respiratory protection should be worn to prevent inhalation of sprayed materials.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and properties:

|                   |                     |                          |                             |
|-------------------|---------------------|--------------------------|-----------------------------|
| Physical state:   | Liquid              | Flammability:            | > 105°C                     |
| Color:            | Amber               | Flash point:             | No data available           |
| Odor:             | No data available   | Explosive limit (upper): | No data available           |
| Odor threshold:   | No data available   | Explosive limit (lower): | No data available           |
| Boiling point:    | No data available   | Auto ignition temp:      | No data available           |
| Melting point:    | No data available   | Decomposition temp:      | No data available           |
| Freezing point:   | No data available   | Partition coefficient:   | No data available           |
| Vapor pressure:   | No data available   | Viscosity 20 C:          | 46.233 (@ 20°C) Centistokes |
| Vapor density:    | No data available   | Viscosity 40 C:          | 20.629 (@ 40°C) Centistokes |
| pH:               | 5.5-6.5             | Specific gravity:        | No data available           |
| Relative density: | 1.086 g/ml (@ 20°C) | Solubility:              | Soluble                     |
| Evaporation rate: | No data available   | VOC content:             | No data available           |

Other information: No further information available.

## 10. STABILITY AND REACTIVITY

Reactivity: Not reactive.

Chemical stability: Stable under normal handling and storage conditions.

Possibility of hazardous reactions: Will not occur.

Conditions to avoid: Extremely high or low temperatures Do not store near heat or flame.

Incompatible materials: Strong oxidizing agents, strong bases and strong acids.

Hazardous decomposition products: Under fire conditions may produce gases such as: Hydrogen chloride, Carbon oxides, and Nitrogen oxides.

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## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Inhalation  
Skin contact  
Eye contact  
Ingestion

Symptoms/injuries after skin contact: Not expected.  
Symptoms/injuries after eye contact: Causes serious eye irritation.  
Symptoms/injuries after inhalation: Harmful if inhaled.  
Acute toxicity : Not classified.  
Reproductive toxicity : May damage fertility or the unborn child.  
Specific Target Organ Toxicity-S E: No relevant data found.  
Specific Target Organ Toxicity-R E: May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity : Not classified.  
NTP (National Toxicology Program): Not classified.  
IARC (International Agency for Research on Cancer): Not classified.  
ACGIH (American Conference of Governmental Industrial Hygienists): Not classified.

## 12. ECOLOGICAL INFORMATION

Toxicity: No testing data available for product.  
Persistence and degradability: Not established.  
Bioaccumulative potential: Not established.  
Other adverse effects : No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Waste disposal recommendations: Recycle excess product if at all possible or dispose the product as in its intended use. If contaminated with materials not suitable to use in its intended use, dispose in an approved waste disposal site or landfill site capable of handling these contaminated material.

Waste containers : Do not use empty product containers for other uses. Offer empty containers for recycle or disposal.

Reference to other sections: See section 8 for exposure control information.

## 14. TRANSPORT INFORMATION

### DOT:

Less than 119 gallons per completed package Not Regulated

Greater than or equal to 119 gallons per completed package UN 3082, Environmentally hazardous substances, liquid, N.O.S., (Propiconazole), 9, III, Marine Pollutant

### Classification for AIR transport (IATA/ICAO):

UN 3082, Environmentally hazardous substance, liquid, N.O.S., (Propiconazole), 9, III, Marine Pollutant

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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## 15. REGULATORY INFORMATION

### OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product is not known to contain substances identified by the State of California to cause cancer, birth defects or other reproductive harm, at levels which may require a warning under the statute.

### EPA Registration Number

This product is registered.

EPA Reg. No. 228-623-52287

## 16. OTHER INFORMATION

Date of preparation/issue date: May 14, 2021

Version: initial

H-2, F-1, I-0, SH-None

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information is designed only as guidance for safe handling, use, storage, transportation, and disposal, and is not to be considered a warranty (express, implied, merchantability or fitness for any particular purpose) or quality specification. The information relates only to the specific material designated therein.