

# Plantskydd®

## Deer Repellent

### Granular Formulation

## MSDS

### Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

### U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

|                                                                                                                 |                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IDENTITY (As Used on Label and List)</b><br><b>PLANTSKYDD® DEER REPELLENT</b><br><b>GRANULAR FORMULATION</b> | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

#### SECTION I – COMPANY IDENTIFICATION

|                                                                          |                                                                                           |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Manufacturer's Name<br>HPI Products, Inc.                                | Emergency Telephone Number<br>TREE WORLD PLANT CARE PRODUCTS INC.<br>1-800-252-6051       |
| Address (Number, Street, City, State, and ZIP Code)<br>222 Sylvie Street | Telephone Number for Information<br>TREE WORLD PLANT CARE PRODUCTS INC.<br>1-800-252-6051 |
| St. Joseph, MO                                                           | Date Prepared<br>March 20, 2014                                                           |
| 64501                                                                    | Signature of Preparer (optional)                                                          |

#### SECTION II - HAZARD INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components (Specific Chemical Identity;<br>Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits<br>Recommended | % (optional) |
|----------------------------------------------------------------------|----------|-----------|-----------------------------|--------------|
| Dried Blood (porcine)                                                | N/A      | N/A       | N/A                         | 99.84%       |

#### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                         |     |                                         |      |
|-------------------------|-----|-----------------------------------------|------|
| Boiling Point           | N/A | Specific Gravity (H <sub>2</sub> O = 1) | 0.58 |
| Vapor Pressure (mm Hg.) | N/A | Melting Point                           | N/A  |
| Vapor Density (AIR = 1) | N/A | Evaporation Rate                        | N/A  |

|                                                      |                     |
|------------------------------------------------------|---------------------|
|                                                      | (Butyl Acetate = 1) |
| Solubility in Water<br>80%                           |                     |
| Appearance and Odor<br>Reddish Brown Powder, Neutral |                     |

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

|                                            |                         |            |            |
|--------------------------------------------|-------------------------|------------|------------|
| Flash Point (Method Used)<br>N/A           | Flammable Limits<br>N/A | LEL<br>N/A | UEL<br>N/A |
| Extinguishing Media<br>N/A                 |                         |            |            |
| Special Fire Fighting Procedures<br>None   |                         |            |            |
| Unusual Fire and Explosion Hazards<br>None |                         |            |            |

**SECTION V - REACTIVITY DATA**

|                                                       |                |   |                     |
|-------------------------------------------------------|----------------|---|---------------------|
| Stability                                             | Unstable       |   | Conditions to Avoid |
|                                                       | Stable         | X | N/A                 |
| Incompatibility ( <i>Materials to Avoid</i> )<br>None |                |   |                     |
| Hazardous Decomposition or Byproducts<br>None         |                |   |                     |
| Hazardous Polymerization                              | May Occur      |   | Conditions to Avoid |
|                                                       | Will Not Occur | X |                     |

**SECTION VI - HEALTH HAZARD DATA**

|                                                                                                                                                           |                   |                        |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|-----------------------|
| Route(s) of Entry:                                                                                                                                        | Inhalation?<br>No | Skin?<br>No            | Ingestion?<br>No      |
| Health Hazards ( <i>Acute and Chronic</i> )<br>None                                                                                                       |                   |                        |                       |
| Carcinogenicity:                                                                                                                                          | NTP?<br>No        | IARC Monographs?<br>No | OSHA Regulated?<br>No |
| Signs and Symptoms of Exposure<br>None                                                                                                                    |                   |                        |                       |
| Medical Conditions<br>Generally Aggravated by Exposure None                                                                                               |                   |                        |                       |
| Emergency and First Aid Procedures<br>Wash/flush with water if solution comes into contact with eyes or skin.<br>Induce vomiting if swallowed or inhaled. |                   |                        |                       |

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

|                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steps to Be Taken in Case Material is Released or Spilled<br>Dispose of unwanted active ingredient and containers in accordance with municipal or state regulations. |
| Waste Disposal Method<br>For more information on the disposal of unused, unwanted product and the cleanup of spills, contact the manufacturer.                       |
| Precautions to Be taken in Handling and Storing<br>Store in a cool, dry environment in a closed package.                                                             |
| Other Precautions<br>Do not ingest powder or liquid solution. Wash hands before eating.                                                                              |

SECTION VIII - CONTROL MEASURES

|                                                                                               |                                      |                |
|-----------------------------------------------------------------------------------------------|--------------------------------------|----------------|
| Respiratory Protection ( <i>Specify Type</i> )<br>None                                        |                                      |                |
| Ventilation                                                                                   | Local Exhaust<br>N/A                 | Special<br>N/A |
|                                                                                               | Mechanical ( <i>General</i> )<br>N/A | Other<br>N/A   |
| Protective Gloves<br>Yes                                                                      | Eye Protection<br>No                 |                |
| Other Protective Clothing or Equipment<br>Long pants and long-sleeved shirt.                  |                                      |                |
| Work/Hygienic Practices<br>Do not ingest powder or liquid solution. Wash hands before eating. |                                      |                |