

1. IDENTIFICATION

Product identifier used on the label: **PlantCoatPro**

Recommended use of the chemical and restriction on use Recommended use: Anti-Transpirant

The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Great Oak, Inc.
10 Great Oak Lane
Redding, CT 06875

Emergency phone number: 877.486.3337
1-800-858-7378 National Pesticides Information Center (NPIC)
seven days a week, 6:30 am to 4:30 pm Pacific Time

2. HAZARDS IDENTIFICATION

2012 OSHA HSC Classification; 29 CFR Part 1910.1200

Classification of product No need for classification according to GHS criteria for this product

Emergency overview
1994 OSHA HC
Classification;
29 CFR Part 1910.1200

Hazards not otherwise classified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature: Acrylic emulsion
This product is a mixture.

Component(s)	CAS number	Concentration
Acrylic polymer(s)	Not hazardous	28.2%
Residual monomers	Not required	<300 PPM
Aqua ammonia	1336-21-6	0.12%
Water	7732-18-5	71.68%

4. FIRST AID MEASURES – DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE

Call a poison control center or physician for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Inhalation:

Remove the affected individual into fresh air. If symptoms develop or persist, seek medical attention.

Skin contact:

Remove contaminated clothing. Rinse skin. If symptoms develop or persist, seek medical attention.

Eye contact:

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. If symptoms develop or persist, seek medical attention.

Ingestion:

Have person sip a glass of water if able to swallow. Do not induce vomiting. If symptoms develop or persist, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

Indication of immediate medical attention and special treatment needed, if necessary:

Note to Physician

Treatment:

Symptomatic treatment

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media:

Use extinguishing media suitable for surrounding fire.

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
Hazardous combustion products including oxides of carbon.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions

Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Do not apply directly to water. or rinsate. Contain contaminated water/firefighting water.

Methods and material for containment and cleaning up

Absorb spill and place in appropriate container for disposal. Residue left on floors presents a slip hazard. Do not walk through spilled material. Clean spill area with hot, soapy water. Dry thoroughly. Spilled substance/product should be recovered and applied according to label rates whenever possible. Dispose of spilled product in accordance with federal and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product. Provide

good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Handle and open container with care. Do not open until ready to use. Provide means for controlling leaks and spills. Follow label warnings even after container is emptied. The substance/ product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Conditions for safe storage, including any incompatibilities

Keep away from foods and animal feeds. Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. The authority permits and storage regulations must be observed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.

Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical

state, color, etc.):

Form	Liquid
Odor:	Faint, garlic-like
Odor threshold:	No data available
Color	Creamy beige
pH:	5.0
Melting point/freezing point.	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	Not determined
Evaporation rate:	Not determined
Lower explosion limit	not determined
Upper explosion limit	not determined
Density/specific gravity	1.065 g/ml
Vapor density	not determined
Self-ignition temperature:	not determined
Thermal decomposition:	not determined
Solubility in water:	not determined

10. STABILITY AND REACTIVITY

Reactivity: Stable at ambient temperature and under normal conditions of use.

Chemical stability The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions Hazardous reactions:
No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid Conditions to avoid:
Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

Incompatible materials Substances to avoid:
Caustics and strong oxidants

Hazardous decomposition products Decomposition products:
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:
Possible thermal decomposition products:
carbon monoxide, carbon dioxide
Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat.

11. TOXICOLOGICAL INFORMATION

Primary routes of exposure	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact.
Acute Toxicity/Effects	
<u>Acute toxicity</u>	Assessment of acute toxicity:
<u>Oral</u>	Type of value: LD50 Species: rat (female) Value: > 5,000 mg/kg body weight No mortality was observed.
<u>Inhalation</u>	Type of value: LC50 Species: rat (male and female) Value: > 2.08 mg/L No mortality was observed.
<u>Dermal</u>	Type of value: LD50 Species: rat (male/female) Value: > 5,000 mg/kg body weight No mortality was observed.
<u>Irritation / corrosion</u>	Assessment of irritating effects: May cause slight but temporary irritation to the eyes. Contact may result in slight skin irritation.
<u>Skin</u>	Species: rabbit Result: slightly irritating Method: Primary skin irritation test
<u>Eye</u>	Species: rabbit Result: practically non-irritating Method: Primary eye irritation test
<u>Sensitization</u>	Assessment of sensitization: Buehler Method Species: guinea pig Result: Non-sensitizing.
Chronic Toxicity/Effects	
<u>Repeated dose toxicity</u>	Assessment of repeated dose toxicity: The product has not been tested. No adverse effects expected based on components.
<u>Genetic toxicity</u>	Assessment of mutagenicity: The product has not been tested. No genotoxicity expected based on components.
<u>Carcinogenicity</u>	Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. No components are listed as carcinogenic by NTP, IARC, EPA or OSHA.
<u>Reproductive toxicity</u>	Assessment of reproduction toxicity: The product has not been tested. No adverse effects expected based on components.
<u>Teratogenicity</u>	Assessment of teratogenicity: The product has not been tested. No adverse effects expected based on components.
Symptoms of Exposure	No significant reaction of the human body to the product known.

12. ECOLOGICAL INFORMATION

Toxicity

<u>Aquatic toxicity</u>	Assessment of aquatic toxicity: No information available for the product. Not expected to be acutely toxic based on component information. Use precaution and do not use or allow spills to enter open water.
<u>Toxicity to fish</u>	No available information for the product.
<u>Aquatic invertebrates</u>	No available information on the product
<u>Aquatic plants</u>	No available information on the product
Persistence and degradability	
<u>Assessment biodegradation and elimination (H2O)</u>	No available information on the product
Bioaccumulative potential	
<u>Assessment bioaccumulation potential</u>	No available information on the product
<u>Assessment bioaccumulation potential</u>	No available information on the product
Mobility in soil	
<u>Assessment transport between environmental compartments</u>	No available information on the product
13. DISPOSAL CONSIDERATIONS	
Waste disposal of substance:	Pesticide wastes are regulated. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
Container disposal:	Consult state or local disposal authorities for approved alternative procedures such as container recycling.
14. TRANSPORT INFORMATION	
Land transport	
<u>USDOT</u>	Not classified as a dangerous good under transport regulations
Sea transport	
<u>IMDG</u>	Not classified as a dangerous good under transport regulations
Air transport	
<u>IATA/ICAO</u>	Not classified as a dangerous good under transport regulations
15. REGULATORY INFORMATION	
Federal Regulations	
<u>Registration status:</u>	All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory. CERCLA This product contains no CERCLA listed chemicals. 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:
None

SARA TITLE III SECTION 313 CHEMICALS

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special:

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

Causes slight eye and skin irritation. Avoid contact with eyes, skin and clothes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

16. OTHER INFORMATION, INCLUDING DATE OF REVISION OR LAST REVISION

SDS Preparation:

SDS Prepared on: 6/15/2018

Important: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

END OF DATA SHEET