

SAFETY DATA SHEET (SDS)

WEED-GANIC **Nonselective, Post emergent, RTU Herbicide**

Manufactured For: SUPERCO SPECIALTY PRODUCTS

SDS DATE: 5-13-15

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This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

Section 1: Product Identification

Product ID: 5234
Product Name: **WEED-GANIC**
EPA Registration Number: (25)b (Qualifies for exemption from registration under the Federal Pesticide Act.)

Intended Use: Nonselective, Post emergent, RTU Herbicide

Comments: For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to (888) 740-8712, or (952) 852-9509.

Section 2: Hazard(s) Identification

Physical State : Milky yellow liquid emulsion with a clove scent.

Emergency Overview : No hazards anticipated under normal product use conditions

Physical hazards	Not classified.
Health hazards	Not classified. Prolonged exposure to this product may cause skin irritation, eye/nasal irritation, dizziness, headache or nausea.
Environmental hazards	Not classified
OSHA defined hazards	Not classified. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Label elements

Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise (HNOC)	None.

Section 3: Composition/information on ingredients

Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
2-phenethyl propionate	122-70-3	5.0
eugenol	97-53-0	5.0
sodium lauryl sulfate	151-21-3	0.05

Specific chemical identity of proprietary blend of surfactants and solvents to 100% are withheld as Trade Secret.

Section 4: First-Aid Measures

Inhalation	In case of inhalation of spray mist: Move person into fresh air and keep at rest. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Give one or two glasses of water if patient is alert and able to swallow. Do not induce vomiting. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Accidental exposure or contact might produce: Irritant effects.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing	None known.
Media Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	None.
Fire fighting equipment/instructions	None.
Specific methods General fire hazards	Use standard firefighting procedures and consider the hazards of other involved materials. This product is not flammable or combustible.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	This product may be an irritant to the skin and vapor may cause irritation to nasal passages. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.
Methods and materials for containment and cleaning up	Dike the spilled material, where this is possible. Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. Components of this product are not considered EPA hazardous wastes.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

STORAGE PRECAUTIONS:	Store in cool, dry place. Do not allow to freeze.
OTHER PRECAUTIONS:	As with any chemical product, keep out of reach of children and animals. Keep from freezing (store above 32°F). Avoid excessive heat..

Section 8: Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Not required.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Not necessary
Skin protection	
Hand protection	Not necessary
Other	Not necessary.
Respiratory protection	For use in open outdoor areas, begin spraying at the furthest downwind edge of the treatment area. While walking at a slow, comfortable pace, spray perpendicular to the wind pointing the nozzle downwind, until reaching the opposite edge of the treatment area. Continue this motion upwind every 10 feet until entire treatment area has been sprayed.
General hygiene Considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties

Appearance	Milky white emulsion
Physical state	Liquid.
Odor	Slight saline odor.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available
Flash point	188°F(TCC)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper(%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available
Vapor density	Not available.
Relative density	8.3 lbs./gal.
Solubility (water)	100 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Not available.
Hazardous decomposition	Normal combustion forms CO ₂ and H ₂ O vapor; incomplete combustion may produce carbon monoxide unburned hydrocarbons and terpenes.

Section 11: Toxicological Information

Information on likely routes of exposure	
Inhalation	Spray mist may irritate the respiratory system.

Skin contact	Prolonged or repeated skin contact may cause irritation.
Eye contact	Mild eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Eye and skin contact: Exposure may cause temporary irritation, redness, or discomfort.
Information on toxicological effects	
Acute toxicity	Rat Acute Oral: >5000mg/kg Rat Dermal: >5000mg/kg Ingestion of large amounts can cause gastrointestinal upset and irritation of the stomach.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	May cause slight eye irritation.
Chronic effects from overexposure:	No data available.
Respiratory or skin sensitization	
Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.

Section 12: Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available

Section 13: Disposal Considerations

Disposal instructions	Do not contaminate water, food, or feed by storage or disposal.
PESTICIDE STORAGE:	Open dumping is prohibited. Store in original container in areas inaccessible to children.
PESTICIDE DISPOSAL:	Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL:	Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. "Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Section 14: Transportation

DOT Not regulated as dangerous goods.
IATA Not regulated as dangerous goods.
IMDG Not regulated as dangerous goods.
PROPER SHIPPING NAME: Compounds, Tree or Weed Killing, Liquid NMFC; 50320 LTL CLASS: 60

Section 15: Regulatory Information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.
This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance Not listed.
SARA 311/312 Hazardous chemical No
SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.
Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List Not regulated.
US. New Jersey Worker and Community Right-to-Know Act Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law Not listed.
US. Rhode Island RTK Not regulated.
US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Section 16: Other Information, including date of preparation or last revision

HMIS® ratings Health: 1 Flammability: 0 Physical hazard: 0

The customer is responsible for determining the PPE code for this material.

Disclaimer: The data contained herein are based on information currently available to the distributor and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which the distributor assumes legal responsibility.

End of Safety Data Sheet.

SDS REVISION DATE: 5/13/15