

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Garden Safe® Brand Rose & Flower Insect Killer₂

Other Means of Identification:

Product Code	HG-93212
Formula Number	21-1674
EPA Reg. Number	67702-35-8845

Recommended Use: Insecticide - Lawn & Garden

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name	Spectrum Group, Division of United Industries Corporation
Address	PO Box 142642, St. Louis, MO 63114-0642
Telephone Number	1-800-257-3379

Emergency Telephone Number:

CHEMTREC	(800)424-9300
Medical	(866)823-2749

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s)	Flammable Liquid - Category 3
Health Hazard(s)	Eye Irritant - Category 2B

Label Elements:

Hazard Pictogram(s)



Signal Word

WARNING

Hazard Statements:

Flammable liquid and vapor
Causes eye irritation

Precautionary Statements:

Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.
Wash hands thoroughly after handling.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Store in a well-ventilated place. Keep cool.
Dispose of contents in accordance with all local, state/provincial and federal regulations. For more information see product label.

Hazard(s) not Otherwise Classified (HNOC): No additional information available

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Isopropyl Alcohol	n/a	67-63-0	2.95
Canola Oil	n/a	120962-03-0	1.00
Pyrethrins	n/a	8003-34-7	0.01

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact:	In case of contact, wash skin with plenty of water. If skin irritation or redness develops, seek medical attention.
Eye Contact:	In case of contact, flush eyes with plenty of water for 15 minutes. Remove contact lenses, if worn. If irritation persists, get medical attention.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.
Most Important Symptoms/Effects, Acute and Delayed:	Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.
Indication of Immediate Medical Attention & Special Treatment Needed:	Immediate medical attention should not be required.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical, CO ₂ , water spray or regular foam. CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.
Unsuitable Extinguishing Media:	CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.
Specific Hazards Arising from the Chemical:	Products of combustion may include, and are not limited to: oxides of carbon.
Special Protective Equipment and Precautions for Firefighters:	Keep upwind of fire. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
In Case of Large Fire:	Water spray, fog or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do it without risk.
Potential Hazards:	HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition

and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Those substances designated with a (P) may polymerize explosively when heated or involved in a fire. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Methods and Materials for Containment and Cleaning Up: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean, non-sparking tools to collect absorbed material. **Large Spill:** Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor, but may not prevent ignition in closed spaces.

Environmental Precautions: Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing mist. Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from heat, sparks, open flames, and hot surfaces. Wash hands thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: Keep out of reach of children. Keep container tightly closed. Store in a well-ventilated place. Keep cool. (See section 10).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Isopropyl Alcohol	TWA 400	TWA 980	STEL 400; TWA 200	-	-	-
Pyrethrins	-	TWA 5 (vacated); TWA 5	-	TWA 5	-	NIOSH IDLH: 5000; TWA 5

Appropriate Engineering Controls: General ventilation should be adequate for all normal use.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection:	Avoid eye contact. Wash hands thoroughly after handling.
Skin and body protection:	None required under normal use conditions.
Respiratory protection:	None required under normal use conditions.
General hygiene considerations:	Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	White to yellow, opaque liquid
Odor:	Faint oil odor
Odor Threshold:	No data available
pH:	4.50-6.50
Melting / Freezing Point:	No data available
Initial boiling point and range:	No data available
Flashpoint:	52°C
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.98-1.00
Solubility(ies):	Emulsifiable in water
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Heat. Incompatible materials.
Incompatible materials:	None known.
Hazardous decomposition products:	May include, and are not limited to oxides of carbon.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhalation, Ingestion and/or skin or eye contact

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: May cause respiratory tract irritation.
Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Eye contact: Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Acute Toxicity Values:

Calculated overall Chemical Acute Toxicity Values (ATE)		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>2000 mg/kg	>5000 mg/kg	>5mg/l

Eye Contact: This product is an eye irritant.
Skin Contact: Based on available data, the classification criteria are not met.
Sensitization: Based on available data, the classification criteria are not met.

**Chronic Effects-
Carcinogenicity:**

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)
None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.	

Reproductive Toxicity: Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Comment: All information was generated using the GHS classification criteria for mixtures and test data where available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Per GHS, this product is classified as a category 3 aquatic acute toxicant and a category 3 aquatic chronic toxicant.
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state/provincial and federal regulations. For more information see product label.

Section 14 - TRANSPORTATION INFORMATION

DOT:	UN Number:	UN1987
	Proper Shipping Name:	Alcohols, n.o.s.
	Technical Name:	Isopropanol solution
	Hazard Class:	3
	Packing Group:	III
	Limited Quantity:	≤5L
IATA:	UN Number:	UN1987
	Proper Shipping Name:	Alcohols, n.o.s.
	Technical Name:	Isopropanol solutions
	Hazard Class:	3
	Packing Group:	III
	Limited Quantity:	≤5L
IMDG:	UN Number:	UN1987
	Proper Shipping Name:	Alcohols, n.o.s.
	Technical Name:	Isopropanol solutions
	Hazard Class:	3
	Packing Group:	III
	Limited Quantity:	≤5L
	Flash Point:	52°C

Section 15 - REGULATORY INFORMATION

US EPA Label Information:

EPA Pesticide Registration Number 67702-35-8845

Federal Insecticide, Fungicide, Rodenticide Act Regulations

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

EPA Pesticide Label

CAUTION: KEEP OUT OF REACH OF CHILDREN.

ENVIRONMENTAL HAZARDS: This product is toxic to aquatic organisms including fish and invertebrates. To protect the environment, do not allow the pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the area.

PHYSICAL or CHEMICAL HAZARDS: Combustible. Do not use or store near heat or open flame.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep this product in its tightly closed original container when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. **Container Handling & Disposal:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

CERCLA Section 103: Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center.

Chemical Name & CAS Number	Chemical RQ (lbs)	Concentration in Product (%)	Product RQ (lbs)
Pyrethrins 8003-34-7	1	0.01	10,000

SARA Hazard Category (311/312): See OSHA hazards listed in section 2.

SARA 313: Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Section 16 - OTHER INFORMATION

Issue date: April 2, 2021
Revision date: April 2, 2021
Version number: 1.0, Initial