

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Garden Safe Insecticidal Soap Insect Killer

Other Means of Identification:

Product Code HG-10424; HG-93205; HG-93028
Formula Number 21-0790
EPA Reg. Number 67702-13-39609

Recommended Use: Insecticide

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name Schultz Company
Address PO Box 4406, Bridgeton, MO 63044-0406
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) Not classified as a Physical Hazard

Health Hazard(s) Eye Irritation - Category 2B

Label Elements:

Hazard Pictogram(s) None
Signal Word Warning
Hazard Statements: Causes eye Irritation
Precautionary Statements: Wash hands thoroughly after handling.
If in eyes: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

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

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Potassium Salts of Fatty Acid	n/a	67701-09-1	1

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:	Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin Contact:	In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
Eye Contact:	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 advice/attention.
Ingestion:	Do not induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.
Most Important Symptoms/Effects, Acute and Delayed:	No further relevant information available.
Indication of Immediate Medical Attention & Special Treatment Needed:	No further relevant information available.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Regular foam, carbon dioxide, dry chemical, water.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chemical:	No further relevant information available.
Special Protective Equipment and Precautions for Firefighters:	No special measures required.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Wear appropriate protective equipment. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Methods and Materials for Containment and Cleaning Up:	Stop leak if can do it without risk. Absorb or cover with dry earth, sand or other absorbent materials and transfer to containers.
Environmental Precautions:	Avoid runoff to waterways and sewers.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling:	No special precautions are necessary if used correctly.
Conditions for Safe Storage, Including any Incompatibilities:	Store in ambient temperature, well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials (strong oxidizing agents).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Components with limited values that require monitoring at the workplace: Not required.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection:	Wear safety goggles.
Hands:	Wear protective gloves.
Skin and body protection:	Where extensive dermal exposure may be expected, either a chemical or chemical apron will be needed.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available and close to work areas.
Environmental Exposure Controls:	Follow best practice for site management and disposal of waste. Avoid release to the environment.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Clear, light amber liquid
Odor:	Soap odor
Odor Threshold:	No data available
pH:	9.60±0.10
Melting / Freezing Point:	No data available
Initial boiling point and range:	No data available
Flashpoint:	Non combustible
Evaporation Rate:	No data available
Flammability (solid, gas):	Product is not flammable
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.00±0.03 g/mL
Solubility(ies):	Soluble 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 temperatures and pressures.
Possibility of hazardous	No dangerous reaction known.

reactions:

Conditions to avoid: Exposure to excessive heat.
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products: Carbon dioxide may form upon burning.

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 be harmful if inhaled
Ingestion: None identified
Skin contact: Causes mild irritation.
Eye contact: Causes eye irritation.

Acute Toxicity Values:

Acute Toxicity Values		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>5000 mg/kg	>5000 mg/kg	not available

Eye Contact: Eye Irritant - Category 2B
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: None

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No further relevant information is available.
Persistence and degradability: No further relevant information is available.
Bioaccumulative potential: No further relevant information is available.
Mobility in soil: No further relevant information is available.

Other adverse effects: No studies have been found.

Section 13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Product Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - TRANSPORTATION INFORMATION

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

Section 15 - REGULATORY INFORMATION

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.

Precautionary Statements

Environmental Hazards: This product may be hazardous to aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather or 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.

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

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

SARA 313: Substance is not listed.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): Substance is not listed.

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

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