

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



STEM Kills Fruit Flies [Trap} (25(b))

Version 2.1

Print Date 10/28/2025

Revision Date 03/10/2022

SDS Number 350000037922

GEN_SOF Number 67957

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : STEM Kills Fruit Flies [Trap} (25(b))

Recommended use : Insect Trap

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +1-800-558-5252

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Eye irritation	Category 2A	Causes serious eye irritation.

Labelling

Hazard symbols
Exclamation mark

Signal word
Warning

Hazard statements
Causes serious eye irritation.

Precautionary statements
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.

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Read label before use.

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.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Wash hands thoroughly after handling.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Vinegar	8028-52-2	5.00 - 10.00
Syrups, hydrolyzed starch, hydrogenated	68425-17-2	5.00 - 10.00
Sodium Lauryl Sulfate	151-21-3	1.00 - 5.00
Ethyl Lactate	97-64-3	0.00 - 1.00
MALIC ACID	6915-15-7	0.00 - 1.00
Saccharomyces cerevisiae (Yeast)	68876-77-7	0.00 - 1.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

Description of first aid measures

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.

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

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Most important symptoms and effects, both acute and delayed

- | | |
|-------------|---|
| Eyes | : Causes serious eye irritation. |
| Skin effect | : No adverse effects expected when used as directed. |
| Inhalation | : May cause respiratory tract irritation. |
| Ingestion | : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.
No adverse effects expected when used as directed. |

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

- | | |
|---|--|
| Suitable extinguishing media | : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Specific hazards during firefighting | : Container may melt and leak in heat of fire. Do not allow run-off from fire fighting to enter drains or water courses. |
| Further information | : Fight fire from maximum distance or protected area. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|----------------------------------|--|
| Personal precautions | : Wear personal protective equipment.
Wash thoroughly after handling. |
| Environmental precautions | : Do not flush into surface water or sanitary sewer system.
Use appropriate containment to avoid environmental contamination.
Outside of normal use, avoid release to the environment. |

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Methods and materials for containment and cleaning up : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Wash thoroughly after handling.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Keep container closed when not in use.
Keep away from food, drink and animal feedingstuffs.
Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Acetic Acid	64-19-7	25 mg/m3	10 ppm	-	OSHA TWA
Acetic Acid	64-19-7	-	15 ppm	-	ACGIH STEL
Acetic Acid	64-19-7	-	10 ppm	-	ACGIH TWA

Personal protective equipment

Respiratory protection : Do not spray in enclosed areas.

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Hand protection	: No special requirements.
Eye protection	: Safety glasses with side-shields
Skin and body protection	: No special requirements.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: amber
Odour	: vinegar-like
Odour Threshold	: Test not applicable for this product type
pH	: 3.1
Melting point/freezing point	: Test not applicable for this product type
Initial boiling point and boiling range	: Test not applicable for this product type
Flash point	: does not flash
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Test not applicable for this product type
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: similar to water

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Vapour density	: Test not applicable for this product type
Relative density	: 0.98 - 1.03 g/cm ³ at 20 °C
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	: Test not applicable for this product type
Auto-ignition temperature	: Test not applicable for this product type
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: 3.5 mPa.s at 20 °C
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	: 10.7 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	: None identified :

10. STABILITY AND REACTIVITY

Reactivity	: Do not mix with bleach or any other household cleaners.
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Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Direct sources of heat.
Incompatible materials	: None known.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 > 5000 mg/kg
Acute inhalation toxicity	: LC50 > 10 mg/L
Acute dermal toxicity	: LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Eye irritation	Category 2A	-
Skin sensitisation	No classification proposed	-

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Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Vinegar	No data available			
Syrups, hydrolyzed starch, hydrogenated	No data available			
Sodium Lauryl Sulfate	flow-through test LC50	Pimephales promelas (fathead minnow)	29 mg/l	96 h

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	flow-through test NOEC Measured	Pimephales promelas (fathead minnow)	≥ 1.357 mg/l	42 d
Ethyl Lactate	No data available			
MALIC ACID	No data available			
Saccharomyces cerevisiae (Yeast)	No data available			
Acetic Acid	static test LC50	Lepomis macrochirus	75 mg/l	96 h
Sodium Lauryl Sulfate	flow-through test LC50	Pimephales promelas (fathead minnow)	29 mg/l	96 h
	flow-through test NOEC Measured	Pimephales promelas (fathead minnow)	≥ 1.357 mg/l	42 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Vinegar	No data available			
Syrups, hydrolyzed starch, hydrogenated	No data available			
Sodium Lauryl Sulfate	flow-	Ceriodaphnia sp.		48 h

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	through test EC50		5.55 mg/l	
	flow-through test NOEC Measured	Ceriodaphnia dubia	0.88 mg/l	7 d
Ethyl Lactate	No data available			
MALIC ACID	No data available			
Saccharomyces cerevisiae (Yeast)	No data available			
Acetic Acid	static test EC50	Daphnia magna (Water flea)	65 mg/l	48 h
Sodium Lauryl Sulfate	flow-through test EC50	Ceriodaphnia sp.	5.55 mg/l	48 h
	flow-through test NOEC Measured	Ceriodaphnia dubia	0.88 mg/l	7 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Vinegar	No data			

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	available			
Syrups, hydrolyzed starch, hydrogenated	No data available			
Sodium Lauryl Sulfate	static test EC50	Desmodemus subspicatus (green algae)	> 120 mg/l	72 h
Ethyl Lactate	No data available			
MALIC ACID	No data available			
Saccharomyces cerevisiae (Yeast)	No data available			
Acetic Acid	Static EC50	Skeletonema costatum	> 300.82 mg/l	72 h
Sodium Lauryl Sulfate	static test EC50	Desmodemus subspicatus (green algae)	> 120 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Vinegar	No data available		
Syrups, hydrolyzed starch, hydrogenated	No data available		
Sodium Lauryl Sulfate	95 %	28 d	Readily biodegradable.
Ethyl Lactate	No data available		
MALIC ACID	No data available		
Saccharomyces cerevisiae (Yeast)	No data available		
Acetic Acid		5 d	
Sodium Lauryl Sulfate	95 %	28 d	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Vinegar	No data available	No data available

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Syrups, hydrolyzed starch, hydrogenated	No data available	No data available
Sodium Lauryl Sulfate	15.89	<= -2.03
Ethyl Lactate	No data available	No data available
MALIC ACID	No data available	No data available
Saccharomyces cerevisiae (Yeast)	No data available	No data available
Acetic Acid	3.16	
Sodium Lauryl Sulfate	15.89	<= -2.03

Mobility

Component	End point	Value
Vinegar	No data available	
Syrups, hydrolyzed starch, hydrogenated	No data available	
Sodium Lauryl Sulfate	Koc	316 - 445
Ethyl Lactate	No data available	
MALIC ACID	No data available	
Saccharomyces cerevisiae (Yeast)	No data available	
Acetic Acid	Koc	1.15
Sodium Lauryl Sulfate	Koc	316 - 445

PBT and vPvB assessment

Component	Results
Sodium Lauryl Sulfate	Not fulfilling PBT and vPvB criteria
Acetic Acid	Not fulfilling PBT and vPvB criteria
Sodium Lauryl Sulfate	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

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13. DISPOSAL CONSIDERATIONS

PESTICIDAL WASTE:

For disposal information, please read and follow Disposal instructions on the pesticide label.
Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

FIFRA Labeling

This chemical is a pesticide product that qualifies for exemption from regulation under the Federal Insecticide, Fungicide, and Rodenticide Act and has not been registered by the Environmental Protection Agency. It is subject to certain labeling requirements, and these requirements may 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:

WARNING:

Causes substantial but temporary eye injury.

Do not get in eyes or on clothing.

Avoid contact with eyes and skin.

Notification status

: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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California Prop. 65

: This product is not subject to the reporting requirements under California's Proposition 65.

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

NFPA Ratings

Health	2
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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