

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR
1910.1200



STEM Fruit Fly Trap

Version 3.0

Print Date 11/10/2025

Revision Date 11/10/2025

SDS Number 350000037922

GEN_SOF Number 67957

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : STEM Fruit Fly Trap

Recommended use : Insect Trap

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

Telephone : +1 8005585252
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.

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Precautionary statements

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.

Wear protective gloves/ eye protection/ face protection.

Do not get in eyes, on skin, or on clothing.

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

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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

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

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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	-	15 ppm	-	ACGIH STEL
Acetic Acid	64-19-7	-	10 ppm	-	ACGIH TWA
Acetic Acid	64-19-7	25 mg/m3	10 ppm	-	OSHA TWA

Personal protective equipment

Respiratory protection

: Do not spray in enclosed areas.

Hand protection

: No special requirements.

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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

Physical state : liquid

Color : amber

Odor : 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

Heat of Combustion : Test not applicable for this product type

Evaporation rate : Test not applicable for this product type

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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
Relative Vapor 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	: 10.7 % - additional exemptions may apply
Total VOC (wt. %)*	*as defined by US Federal and State Consumer Product Regulations

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Particle Characteristics :

Other information : None identified :

10. STABILITY AND REACTIVITY

Reactivity : Do not mix with bleach or any other household cleaners.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions, including those associated with foreseeable emergencies : 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

Emergency Overview : Warning

Acute oral toxicity : LD50 > 5000 mg/kg

Acute inhalation toxicity : LC50 > 10 mg/L

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Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry	Interactive effects	Symptoms	Alternative Information Used	Method Used for Alternative Information
Acute toxicity	No classification proposed	Oral	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Dermal	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Inhalation - Dust and Mist	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Inhalation - Vapour	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Inhalation - Gas	None known.	-	No	Not Applicable
Skin corrosion/irritation	No classification proposed	-	None known.	-	No	Not Applicable

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Eye irritation	Category 2A	-	None known.	Causes serious eye irritation.	No	Not Applicable
Skin sensitisation	No classification proposed	-	None known.	-	No	Not Applicable
Respiratory sensitisation	No classification proposed	-	None known.	-	No	Not Applicable
Germ cell mutagenicity	No classification proposed	-	None known.	-	No	Not Applicable
Carcinogenicity	No classification proposed	-	None known.	-	No	Not Applicable
Reproductive toxicity	No classification proposed	-	None known.	-	No	Not Applicable
Specific target organ toxicity - single exposure	No classification proposed	-	None known.	-	No	Not Applicable
Specific target organ toxicity - repeated exposure	No classification proposed	-	None known.	-	No	Not Applicable
Aspiration hazard	No classification proposed	-	None known.	-	No	Not Applicable

Aggravated Medical : None known.

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Condition

IARC 1:

No component of this product present at levels $\geq 0.1\%$ is identified as probable, possible or confirmed human carcinogen by IARC.

IARC 2A:

No component of this product present at levels $\geq 0.1\%$ is identified as probable, possible or confirmed human carcinogen by IARC.

IARC 2B:

No component of this product present at levels $\geq 0.1\%$ is identified as probable, possible or confirmed human carcinogen by IARC.

NTP:

"No component of this product present at levels $\geq 0.1\%$ is identified as probable, possible or confirmed human carcinogen by NTP."

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OSHA:

No component of this product present at levels $\geq 0.1\%$ is identified as probable, possible or confirmed human carcinogen by OSHA.

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	Danio rerio (zebra fish)	1.3 mg/l	96 h

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	Read-across (Analogy)			
	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
	semi-static test NOEC Measured OECD	Oncorhynchus mykiss (rainbow trout)	57.2 mg/l	21 d

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	Test Guideline 204			
Sodium Lauryl Sulfate	flow- through test LC50 Read- across (Analogy)	Danio rerio (zebra fish)	1.3 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	static test EC50	Daphnia magna (Water flea)		48 h

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	Read-across (Analogy)		2.8 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

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	semi-static test NOEC Measured see user defined free text	Daphnia magna (Water flea)	31.4 mg/l	21 d
Sodium Lauryl Sulfate	static test EC50 Read- across (Analogy)	Daphnia magna (Water flea)	2.8 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 available			

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Syrups, hydrolyzed starch, hydrogenated	No data available			
Sodium Lauryl Sulfate	static test EC10	Desmodesmus subspicatus (green algae)	5.4 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 EC10	Desmodesmus subspicatus (green algae)	5.4 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

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Vinegar	No data available	No data available
Syrups, hydrolyzed starch, hydrogenated	No data available	
Sodium Lauryl Sulfate	No data available	< 2.1
Ethyl Lactate	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	No data available	< 2.1

Mobility

Component	End point	Value
Vinegar	No data available	
Syrups, hydrolyzed starch, hydrogenated	No data available	
Sodium Lauryl Sulfate	log Koc	-2.5 - 3.19
		-
Ethyl Lactate	No data available	
MALIC ACID	No data available	
Saccharomyces cerevisiae (Yeast)	No data available	
Acetic Acid	Koc	1.15
		-
Sodium Lauryl Sulfate	log Koc	-2.5 - 3.19
		-

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PBT and vPvB assessment

Component	Results
Vinegar	Not fulfilling PBT and vPvB criteria
Syrups, hydrolyzed starch, hydrogenated	Not fulfilling PBT and vPvB criteria
Sodium Lauryl Sulfate	Not fulfilling PBT and vPvB criteria
Ethyl Lactate	Not fulfilling PBT and vPvB criteria
MALIC ACID	Not fulfilling PBT and vPvB criteria
Saccharomyces cerevisiae (Yeast)	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.

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

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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.

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

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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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

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