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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: **FRUIT FLY TRAP**

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Trap to monitoring of activity of fruit fly (*Drosophila melanogaster*)

1.2.2. Uses advised against

None

1.3. Details of the supplier of the safety data sheet

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Phone: +48 32 745 47 00

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Person responsible for SDS: e-mail: grzegorz.zmijowski@icbbpharma.pl

1.4. Emergency telephone number:

112 – emergency number

+48 32 745 47 00 (at working hours: 8.00 a.m. – 4 p.m.)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

According to the Regulation (WE) no 1272/2008 (as amended)

Product isn't classified as hazardous.

Health hazard: no hazard

Environmental Hazards: no hazard

Physical/chemical hazards: no hazard

Fire hazard: not flammable

2.2. Label elements

According to the Regulation (WE) 1272/2008

Pictogram: Not required

Signal Word: Not required

Hazard statements: Not required

Precautionary Statement (recommended):

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

2.3. Other hazards

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

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01.06.2018**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

The product is a mixture. It does not contain components classified as hazardous, does not contain hazardous components at levels higher than general/specific thresholds, substances of very high concern, substances classified as PBT/vPvB, substances with national or community workplace TLVs.

Chemical composition: product contains only natural food grade components.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures****General recommendations:**

Remove the injured person from a polluted environment. In the event of health problems, immediately contact doctor. In case of contact with the company emergency number or Poison Control Centre person should have a product container, label or this MSDS. Inform medical services of provided first aid. Do not give anything by mouth to unconscious person. Remove contaminated clothing.

Protection of first aiders: do not take any action which may pose threat for first aider unless appropriately trained and aware of risks.

Contamination of the skin: Remove contaminated clothing. Contaminated areas of the skin wash thoroughly with water. Wash contaminated clothing before reuse.

Contamination of the eyes: Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 10 minutes. In the case of persistent irritation consult an ophthalmologist.

Inhalation: In case of difficult breathing after inhalation seek medical advice. Provide fresh air.

Ingestion: Rinse mouth immediately with water, drink plenty of water. In case of any adverse effects get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms – no data

Delayed symptoms – no data

Effects of exposure – no data

4.3. Indication of any immediate medical attention and special treatment needed

Note to Physician: No specific antidote, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media: CO₂, powders and foams, water spray

Product itself is not flammable. Cardboard packages extinguish with suitable media.

Unsuitable extinguishing media: strong stream of water

5.2. Special hazards arising from the substance or mixture

The combustion / thermal decomposition of the product may produce carbon oxides, harmful gases. Avoid inhalation of combustion products, may pose a threat to health.

5.3. Advice for fire-fighters

Strictly apply the breathing apparatus and protective clothing for firefighting or during clean-up work immediately after a fire in an enclosed, or poorly ventilated areas.

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General: inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

Additional notes: Packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance and if possible removed from the hazardous area.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with the product. Use individual protection measures.

6.2. Environmental precautions

No special precautions necessary. Do not dispose into sewers or the environment.

6.3. Methods and material for containment and cleaning up

In case of unsealed container or spillage secure source of contamination and move product to empty emergency container. Large spillages gather mechanically (pumping) and dispose. Small spillages should be treated with appropriate sorbent (sand, sawdust, diatomaceous earth), gathered to closed and labelled container and safely disposed. Cleaning up should be conducted under appropriate ventilation. Area of spillage should be rinsed with water.

6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

No special measures necessary if stored and handled correctly. Read label before use. Use only as intended.

Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation)
- ensure place for eyes and skin rinsing
- wash hands with soap and water before eating, smoking and after work
- use general caution while working with chemical substances

7.2. Conditions for safe storage, including any incompatibilities

Keep only in tightly closed, original container, away from children, no contraindications to storage near food, beverage and feeding stuff.

Store at temperature range 0 – 40 °C.

7.3. Specific end use(s)

See Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational Exposure Limit Value:

There is no exposure standard allocated to hazardous components of this product.

8.2. Exposure controls

Technical exposure controls:

Sufficient mechanical or natural ventilation of workplace is recommended.

Personal protection measures:

a) **Respiratory protection** – isn't required

- b) Hand protection** – protective gloves recommended
- c) Eye protection** – protective glasses recommended
- d) Skin protection** – protective clothing recommended

Protective equipemnt standards:

EN 140:2001 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking
 EN 143:2004 Respiratory protective devices - Particle filters - Requirements, testing, marking
 EN 149+A1:2010 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking
 EN 14387+A1:2010 Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking
 EN 374-1:2005 Protective gloves against dangerous chemicals and micro-organisms -- Part 1: Terminology and performance requirements for chemical risks
 EN 374-2:2005 Protective gloves against chemicals and micro-organisms - Part 2: Determination of resistance to penetration
 EN 374-3:2005 Protective gloves against chemicals and micro-organisms – Part 2: Determination of resistance to permeation by chemicals
 PN-EN 166:2005 Personal eye protection. Specifications
 PN-EN 14605+A1:2010 Protective clothing against liquid chemicals. Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])
 PN-EN ISO 20344:2012 Personal protective equipment -- Test methods for footwear

Environmental exposure controls:

Do not enter product into ground water, sewage, waste water or soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	red coloured liquid
Odour:	Fruit
Odour threshold:	No data
pH:	Approx. 3.0
Melting point/freezing point:	< 0°C
Initial boiling point and boiling range:	> 100°C
Flash point:	No data
Evaporation rate:	No data
Flammability:	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	No data
Vapour density:	No data
density (20°C):	1,032 kg/dm ³
Solubility in water:	Fully miscible
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	None, no explosive ingredients
Oxidising properties:	None, no oxidizing ingredients

9.2. Other information

Surface tension (20°C): 21 mN/m

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Product is not reactive under normal conditions of storage and handling.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

No data

10.4. Conditions to avoid:

High temperature (>40°C) and low temperature (<0°C)

10.5. Incompatible materials:

No data

10.6. Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects:**

Product was not tested in relation to health hazards, does not contain ingredients hazardous for health. Product is not hazardous according to Regulation 1272/2008.

Acute toxicity:

Acute Oral Toxicity: product is not classified as toxic

Acute Dermal Toxicity: product is not classified as toxic

Acute Inhalation Toxicity: product is not classified as toxic

Skin corrosion/irritation: product is not classified as corrosive/irritating

Serious eye damage/irritation: product is not classified as causing eye damage/irritating

Respiratory or skin sensitisation: product is not classified as skin/respiratory sensitizer

Germ cell mutagenicity: product does not contain any compounds with germ cell mutagenicity hazard

Carcinogenicity: product does not contain any compounds with carcinogenic hazard

Reproductive toxicity: product does not contain any compounds with reprotoxic hazard

STOT-single exposure: no data available.

STOT-repeated exposure: no data available.

Aspiration hazard: no data available.

Additional information:

Product does not pose any threat for human health during appropriate handling and usage.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity:** no data

Product was not tested in relation to environmental hazards, does not contain hazardous ingredients. Product is not hazardous according to Regulation 1272/2008.

12.2. Persistence and degradability:

No data

12.3. Bioaccumulative potential:

No data



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12.4. Mobility in soil:

No data

12.5. Results of PBT and vPvB assessment: product doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6. Other adverse effects:

Product isn't classified as harmful to the aquatic environment. Product isn't toxic for bees.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Waste of product: Waste of the product is not hazardous, dispose in entity authorized to waste collection, transport, waste recovery and disposal. Establish waste code with waste collector. Do not introduce waste of product into sewage. Dispose of waste in accordance with all Federal, State and Local regulations.

Suggested waste code: 16 03 06 organic wastes other than those mentioned in 16 03 05

Disposing of the packaging: Emptied and washed containers may be disposed as municipal waste. In other case treat them as waste of the product.

Suggested waste code: 15 01 05 composite packaging

SECTION 14: TRANSPORT INFORMATION

- 14.1. UN number:** doesn't concern
14.2. UN proper shipping name: doesn't concern
14.3. Transport hazard class: doesn't concern
14.4. Packing group: doesn't concern
14.5. Environmental hazards: no
14.6. Special precautions for user: see section 7.1
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: doesn't concern

Product does not require special transporting measures. Product does not fall under ADR agreement. Use covered transportation. Transport packaging and loading unit must be secured against shifting during transport.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
 - Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
 - Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
 - European agreement concerning international road transport of dangerous products (ADR)
 - DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC
- Federal, State and Local regulations

15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

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SECTION 16. OTHER INFORMATION

Explanation of abbreviations and acronyms used in the MSDS:

CAS – Chemical Abstracts Service

WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".

LD50 – lethal dose 50%

PBT – persistence, bioaccumulation potential and toxicity

vPvB – very high durability and very bioaccumulative

UN number – identification number of the material (the number of UN, UN number)

ADR – European Agreement concerning the international carriage of dangerous goods by road

SDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). This document was prepared in compliance with SDS format, yet it was created only for information purpose – product isn't classified as dangerous in any class, does not contain PBT or vPvB substances, does not contain substances from candidate list (SVHC).

Classification of product was made based on content of hazardous components, according to the Regulation (EC) No 1272/2008.

Recommendation and restriction of use: Use according to label. Additional safety information available at manufacturer.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

IUCLID International Uniform Chemical Information Database

ESIS European Chemical Substances Information System

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.

Edition 10.2 concerns sections 1 – 16: editorial changes, information update.