

Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Master Fly
Product code : 23060768

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

1.2.1. Relevant identified uses

Pesticide against flies

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Sasatech
Dalton
kibbutz sasa M.P MAROM HAGALIL
1387000 - ISRAEL
T +972-4-6987720
Asad@sasatech.co.il
Marketing: RPC Pest Control Solutions
Nes Harim – P.O.Box 128 – 99885 Israel
T +972 – 2 - 6331112

1.4. Emergency telephone number

Emergency number : +97246987720

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Serious eye damage/eye irritation, Category 2 H319
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 - If eye irritation persists: Get medical advice/attention.
EUH-statements : EUH208 - Contains reaction mass of:5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
dinotefuran	(CAS-No.) 165252-70-0	12.00	Acute Tox. 4 (Oral), H302

Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

Benzyl Alcohol	(CAS-No.) 100-51-6 (EC-No.) 603-057-00-5 (EC Index-No.) 202-859-9 (REACH-no) 01-2119492630-38	10 - 20	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:vapour), H332 Eye Irrit. 2, H319
sodium p-cumenesulphonate (Benzenesulfonic acid (10methyleneethyl)-, sodium salt)	(CAS-No.) (28348-53-0) 15763-76-5 (EC-No.) 239-854-6 (REACH-no) 01-2119489411-37	10 - 20	Eye Irrit. 2, H319
reaction mass of:5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC-No.) 611-341-5 (EC Index-No.) 613-167-00-5	< 0.05	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410

Specific concentration limits:

Name	Product identifier	Specific concentration limits
reaction mass of:5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC-No.) 611-341-5 (EC Index-No.) 613-167-00-5	(C >= 0.0015) Skin Sens. 1, H317 (0.06 =<C < 0.6) Eye Irrit. 2, H319 (0.06 =<C < 0.6) Skin Irrit. 2, H315 (C >= 0.6) Skin Corr. 1B, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact	: Eye irritation.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
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Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colorless
Odour	: No data available
Odour threshold	: No data available
pH	: 7 - 8
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 95-100 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not flammable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.00 – 1.07 g/cm ³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: >10.500 mg/kg
Acute toxicity (dermal)	: >10.000 mg/kg
Acute toxicity (inhalation)	: >34,00 mg/L air-4 hours

dinotefuran (165252-70-0)

LD50 oral rat	2.804 mg/kg
LD50 dermal rat	> 2 mg/kg

Benzyl Alcohol (100-51-6)

LD50 oral rat	1230 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

sodium p-cumenesulphonate (15763-76-5)

LD50 oral rat	> 7000 mg/kg bodyweight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)

reaction mass of:5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LD50 oral	59 mg/kg bodyweight
LD50 dermal	> 75 mg/kg bodyweight

Skin corrosion/irritation	: Can produce brief and/or minor skin irritation pH: 7 - 8
Serious eye damage/irritation	: Can cause serious eye irritation. pH: 7 - 8
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified. Hazardous ingredients of the aproduct aren't mentioned on the list of mutagenic substances
Carcinogenicity	: Not classified. Hazardous ingredients of the aproduct aren't mentioned on the list of carcinogenic substances
Reproductive toxicity	: Not classified. Hazardous ingredients of the aproduct aren't mentioned on the list of reproductivity toxicity substances
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

dinotefuran (165252-70-0)

LC50 fish 1	1 mg/l <i>Lepomis macrochirus</i> (Bluegill)
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Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

LC50 fish 2	4.84 mg/l other fish 48h
EC50 Daphnia 1	> 1000 mg/l
EC50 72h algae (1)	> 100 mg/l Pseudokirchneriella subcapitata (green algae)

Benzyl Alcohol (100-51-6)

LC50 fish 1	10 ppm LEPOMIS MACROCHIRUS
EC50 Daphnia 1	400 mg/l DAPHNIA MAGNA
EC50 72h algae (1)	2600 mg/l

sodium p-cumenesulphonate (15763-76-5)

LC50 fish 1	> 1000 mg/l (LC50; EPA OTS 797.1400; 96 h; Oncorhynchus mykiss; Static system; Fresh water; Read-across)
EC50 Daphnia 1	> 1000 mg/l (EC50; EPA OTS 797.1300; 48 h; Daphnia magna; Static system; Fresh water; Read-across)
Threshold limit algae 1	>= 230 mg/l (EC50; EPA OTS 797.1050; 96 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Read-across)

reaction mass of:5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LC50 fish 1	0.19 mg/l
EC50 other aquatic organisms 1	0.126 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	0.003 mg/l IC50 algae (72 h) mg/l

12.2. Persistence and degradability

sodium p-cumenesulphonate (15763-76-5)

Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the substance available.
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12.3. Bioaccumulative potential

dinotefuran (165252-70-0)

Log Pow	-5.49 at 25 °C
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Benzyl Alcohol (100-51-6)

Log Pow	1.1
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sodium p-cumenesulphonate (15763-76-5)

Log Pow	-1.1 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 23 °C)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

sodium p-cumenesulphonate (15763-76-5)

Surface tension	0.0643 N/m (25 °C; 0.4 g/l)
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

Germany

Reference to AwSV

: Water hazard class (WGK) 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen

: None of the components are listed

SZW-lijst van mutagene stoffen

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

: None of the components are listed

Denmark

Danish National Regulations

: Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Master Fly Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 3/4/2019

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Skin sensitisation, Category 1
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains reaction mass of:5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product