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Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: **MELATULINE GL 0.5**

Identifier: 56-81-5/25394-57-4

CAS number 56-81-5/25394-57-4

EC number 200-289-5/-

REACH Not subject to registration pursuant to Regulation (EC) No. 1907/2006 [REACH /
Excluded from registration (<1T

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

Use: production of cosmetics

Uses advised against: no data available

1.3. Details of the supplier of the safety data sheet

Name and address	MELALEUCA Poland Ltd Al. W. Korfanteo 5/1,44-100 Gliwice
Phone number	+48 32 231 63 11
REGON (Statistical No)	273237058

1.4. Emergency telephone number

998, from landlines: 112

1.5 Competent person's telephone number

murgol@melaleuca.com.pl

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant current legislation.

Health hazards: not applicable

Hazardous properties: not applicable

Environmental hazards: not applicable

2.2. Label elements


Hazard pictogram(s):

Warning word:

Warning word not required

Hazard statement(s):

The product is not classified as hazardous pursuant current legislation

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2.3. Other hazards

The substance does not meet the criteria for PTB or vPvB pursuant to Annex XIII of Regulation (EC) No. 1907/2006.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

No.	Substance/ Component	Concentration (% by weight)	CAS	REACH No.
1	Glycerine	99,5	56-81-5	Not subject to registration pursuant to Regulation (EC) No. 1907/2006 [REACH]
2	Spilanthol	0,5	25394-57-4	Excluded from registration (<1T)

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove affected person to fresh air. Provide warmth and peace of mind. Consult a physician if there are worrying symptoms.

Skin contact: Remove contaminated clothing immediately. Wash off immediately with plenty of water.

Eye contact: Rinse with running water for several minutes with eyelids open. Remove contact lenses. Consult an ophthalmologist if symptoms of irritation occur.

Consumption: Rinse mouth with water and then drink plenty of water. Do not provoke vomits. Seek medical attention if worrying symptoms occur.

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

Effects and symptoms of exposure

Inhalation

Respiratory tract irritation


Skin contact

Skin irritation

Eye contact

Eye irritation

Ingestion

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Vomiting, abdominal pain, headache, cyanosis

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

No specific recommendations

Section 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Foam, dry extinguishing powder, water spray.

Unsuitable extinguishing media:

No data available

5.2. Special hazards arising from the substance or mixture

During a fire the following can be released: carbon monoxide, acrolein

5.3. Advice for firefighters

Use self-contained breathing apparatus and protective clothing. Fire residues and contaminated water must be disposed of in accordance with regulations.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Prevent unauthorised persons from entering the danger zone.

6.2. Environmental precautions

Do not allow the product to enter drains or water bodies. Do not allow the product to enter ground/soil and surface water.

6.3. Methods and material for containment and cleaning up

Large spills should be mechanically collected (pumped out) for disposal. Collect with absorbent material (e.g., sand, silica gel, acid absorber, universal absorber, sawdust). Collect in a suitable container until disposal. Submit for disposal/liquidation.


6.4. Reference to other sections

Information on appropriate personal protective equipment is provided in Section 8.

Section 7. HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling

Ensure adequate ventilation. Use local ventilation as necessary. Avoid contamination of eyes, skin

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and clothing. Do not eat, drink nor smoke at the use site. Wash hands before each break and after finishing work. Use in accordance with health and safety regulations. Use personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in original, sealed packaging in a dry, cool and well-ventilated place (max. 10°C). Keep away from oxidisers.

7.3. Specific end use(s)

See section 1.2

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The personal protective equipment used should meet the requirements of the Regulation of the Minister of Economy of 21 December 2005 on the essential requirements for personal protective equipment (Journal of Laws No. 259, item 2173).

8.1. Control parameters

DNEL value

Comment

No DNEL values have been determined for this product.

PNEC value

No PNEC values have been determined for this product.

Maximum permissible concentrations

Inhalable fraction	NDS	10 mg/m ³
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Comment

NDS pursuant to the Regulation of the Minister of Family Affairs, Labour and Social Policy of 12 June 2018, Journal of Laws of 2018, item 1286, as amended.

Comment to biological limit values


No data available

Recommended monitoring procedures

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the working environment (Journal of Laws of 2011, No. 33, item 166)

8.2. Exposure controls

Technical control measures

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Ensure adequate ventilation.

Personal protective equipment

Respiratory protection

Workers exposed to concentrations above limit values must use appropriate approved respirators. Required if vapour or aerosol is present.

Eye protection

Tight safety goggles

Hand and skin protection

Protective gloves

Other protective equipment

No need

Regulatory references

Personal protective equipment should meet the requirements of the Regulation of the Minister of Economy of 21 December 2005 on the essential requirements for personal protective equipment (Journal of Laws No. 259, item 2173).

General recommendations

Do not eat, drink nor smoke while using the product. Wash hands before each break and after finishing work. Remove and wash contaminated clothing before reuse.

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
Appearance:	colourless
Odour:	no extraneous odours, odour threshold: no data available
Melting/freezing point:	18°C
Boiling point or initial boiling point and range of boiling points:	290°C
Flammability of materials:	no data available
Lower and upper explosive limit:	no data available
Flash point:	approx. 180°C
Autoignition point:	>400°C
Decomposition temperature:	no data available



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pH:	7–8.5
Kinematic viscosity:	no data available
Solubility:	in water; soluble
Partition coefficient n-octanol/ water (log ratio value):	no data available
Vapour pressure (20°C):	0.1 mbar
Density or relative density:	approx. 1.26 g/cm ³ 15°C
Relative vapour pressure:	no data available
Particle characteristics:	not applicable

9.2. Other information

Information on physical hazard classes:	heat of combustion >17 500 kJ/kg
Other safety properties:	no data available

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity

Non-reactive product

10.2. Chemical stability

Stable when stored in recommended conditions. Hygroscopic

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Sources of ignition

10.5. Incompatible materials

Oxidants

10.6. Hazardous decomposition products

During a fire the following can be released: carbon monoxides; acrolein

Section 11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Acute oral toxicity

Glycerin	LD50	>27,200 mg/kg	rat
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Acute dermal toxicity

Glycerin	LD50	56,750 mg/kg	guinea pig
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Acute inhalation toxicity


Glycerin	LC50	>2.75 mg/l	rat
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Acute toxicity with other routes of administration

Based on available data the product is not classified.

Skin corrosion/irritation

Based on available data the product is not classified.

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Serious eye damage/irritation

Based on available data the product is not classified.

Respiratory sensitisation

Based on available data the product is not classified.

Skin sensitisation

Based on available data the product is not classified.

Mutagenic effects on germ cells

Summary

Based on available data the product is not classified.

Carcinogenicity

Summary

Based on available data the product is not classified.

Reproductive toxicity

Summary

Based on available data the product is not classified.

Toxic effects on target organs — single exposure

Summary

Based on available data the product is not classified.

Toxic effects on target organs — repeated exposure

Summary

Based on available data the product is not classified.

Aspiration hazard

No data available

Information on likely routes of exposure

Eye contact.

Skin contact.

Respiratory tract irritation.

Consumption

Symptoms related to the physical, chemical/toxicological characteristics

Consumption: vomiting, stomachache, headache

Delayed, immediate and chronic effects of short- and long-term exposure

Aspiration: slight irritation

Skin contact: slight irritation

Eyes contact: slight irritation

11.2. Information on other hazards

Other information

No data available

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity



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Toxicity to fish	LC50	855 mg/l	96 h	Pimephales promelas
Toxicity to daphnia and other vertebrates	EC50	1,955 mg/l	48 h	Daphnia magna
Toxicity to algae	EC3	>10,000 mg/l	8 days	Scenedesmus quadricauda

12.2. Persistence and degradability

Biodegradability	>60%	28 days
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Summary

Biodegradable

12.3. Bioaccumulative potential

Summary

No data available

12.4. Mobility in soil

Summary

No data available

12.5. Result of PTB and vPvB assessment

The substance does not meet the criteria for PTB or bPvB pursuant to the Annex to the Regulation (EC) No. 1907/2006

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

Prevent release into the environment.

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Observe the regulations listed below:

Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21, as amended).

Act of 14 December 2013 on packaging and packaging waste management (Journal of Laws of 2013, item 888).

Dispose of in accordance with current waste disposal regulations. Packaging waste should be recycled.


Packaging that cannot be cleaned should be disposed of the same way as the product.

Regulation of the Minister of the Environment of 9 December 2014 on the waste catalogue (Journal of Laws of 2014, item 1923).

Suggested waste code:

07 01 99 Wastes not otherwise specified.

Section 14. TRANSPORT INFORMATION

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14.1. UN number or ID number

Type of transport	UN number
ADR	N/A
RID	N/A
IMDG	N/A
ICAD	N/A
ADN	N/A

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14.2. UN proper shipping name

Type of transport	Proper shipping name
ADR	not subject to transport regulations
RID	not subject to transport regulations
IMDG	not subject to transport regulations
ICAD	not subject to transport regulations
ADN	not subject to transport regulations

14.3. Transport hazard class(es)

Type of transport	Hazard class in transport	Classification code	Hazard recognition No.	Thoroughfare restriction code	Warning sticker No.
ADR	not applicable	not applicable	not applicable	-	not applicable
RID	not applicable	not applicable	not applicable	-	not applicable
IMDG	not applicable				not applicable
ICAD	not applicable				not applicable
ADN	not applicable				not applicable

14.4. Packing group

Type of transport	Packing group
ADR	not applicable
RID	not applicable
IMDG	not applicable
ICAD	not applicable
ADN	not applicable

14.5. Environmental hazards

The product does is not hazardous to the environment according to the criteria of the UN Model Regulations.

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

No data available

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14.8. Transport hazard class(es)

Type of transport	Hazard class	Classification code	Hazard recognition No.	Thoroughfare restriction code	Warning sticker No.
ADR	not applicable	not applicable	not applicable	-	not applicable
RID	not applicable	not applicable	not applicable	-	not applicable
IMDG	not applicable				not applicable
ICAD	not applicable				not applicable
ADN	not applicable				not applicable

14.9. Packing group

Type of transport	Packing group
ADR	not applicable
RID	not applicable
IMDG	not applicable
ICAD	not applicable
ADN	not applicable

14.10. Environmental hazards

The product does is not hazardous to the environment according to the criteria of the UN Model Regulations.

14.11. Special precautions for user

No data available

14.12. Maritime transport in bulk according to IMO instruments

No data available

Section 15. REGULATORY INFORMATION

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


Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws No. 63 of 2011, item 322, as amended). Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2008 on REACH. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 18 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 (Official Journal of the European Union L335/1 of 31.12.2008). European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

15.2. Chemical safety assessment

Chemical safety assessment has not been performed

Section 16. OTHER INFORMATION

Changes against previous version — General update.

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Abbreviations used in the text:

NDS highest acceptable concentration

vPvB: very persistent, very bio-accumulative and toxic substances

PNEC: predicted no-effect concentration

DNEL: derived no-effect level causing death

LD50: median lethal dose

LC50: median lethal concentration

EC50: median effective concentration

LOEC lowest observed effects concentration

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

Acute. Tox Acute toxicity

Skin. Corr skin corrosion

Muta mutagenicity

Carc tumorigenicity

Supplementary information

This information is given to the best of our knowledge and experience, excluding liability for its content, particularly with regard to intangible property rights of third parties, including patents. They merely describe the features of the products and do not imply a guarantee. The consignee remains obliged to have the functions and the applicability of the product carefully checked by suitably qualified personnel at one's own risk in accordance with the commercial contract. Subject to changes due to technical and technological developments. The use of trade names of other manufacturers does not constitute a recommendation thereof, nor does it preclude the use of other similar products. The product is not catalogued as hazardous. Exposure scenarios are not required. List of R-statements – none.

References to key literature and data sources

This safety data sheet was prepared on the basis of the safety data sheet provided by the manufacturer and/or online databases and the applicable regulations.

Main sources of literature

<http://echa.europa.eu>

<http://eur-lex.europa.eu>