Material Safety Data Sheet

According to Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

MALLOW EXTRACT ORGANIC

1. Identification of the substance/mixture and company

Trade name:	Mallow Extract Organic
INCI name:	Glycerin, Aqua, Malva Sylvestris Flower Extract
CAS No. :	84082-57-5
EC No. :	282-003-9
Utilization:	Raw material for cosmetics
Supplier company identification:	Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.ellemental.com
Emergency:	RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București. International emergency number: +49 180 2273-112

2. Hazards Identification

2.1. Classification of the substance or mixture
Regulation (EC) No 1272/2008
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
2.2. Label elements
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
Hazard statements
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
2.3. Other hazards
No information available.

3. Declaration of ingredients

3.1. Substances
Not relevant
3.2. Mixtures
The product contains no substances which at their given concentration, are considered to be hazardous to health
Full text of H- and EUH-phrases: see section 16
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

4. First aid measures

4.1. Description of first aid measures
Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.
Skin contact No hazards which require special first aid measures.
Ingestion Clean mouth with water. Drink 1 or 2 glasses of water. Get medical attention if symptoms occur.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms No information available.
4.3. Indication of any immediate medical attention and special treatment needed
Note to doctors Treat symptomatically

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5. Fire fighting measures

5.1. Extinguishing media
Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Small Fire Dry chemical, CO2 or water spray.
Large Fire Alcohol resistant foam. Water spray.
Unsuitable extinguishing media Full water jet.
5.2. Special hazards arising from the substance or mixture
Specific hazards arising from the chemical
No information available.
5.3. Advice for firefighters
Special protective equipment and precautions for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required
Other information Refer to protective measures listed in Sections 7 and 8.
For emergency responders Use personal protection recommended in Section 8.
6.2. Environmental precautions
Environmental precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.
6.3. Methods and material for containment and cleaning up
Methods for containment Prevent further leakage or spillage if safe to do so.
Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.
6.4. Reference to other sections
Reference to other sections See section 7 for more information. See section 8 for more information. See section 13 for more information.

7. Handling and storage

7.1. Precautions for safe handling
Advice on safe handling Ensure adequate ventilation.
General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.
7.2. Conditions for safe storage, including any incompatibilities
Storage Conditions Keep in a dry place. Protect from light. Keep at a temperature not exceeding 25 °C.
7.3 Specific end uses
None

8. Exposure controls / personal protection

8.1. Control parameters
Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.
Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.
Derived No Effect Level (DNEL) No information available.
Predicted No Effect Concentration (PNEC) No information available.
8.2. Exposure controls
Personal protective equipment
Eye/face protection Goggles.
Hand protection Wear suitable gloves.
Skin and body protection Wear suitable protective clothing.
Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls No information available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Appearance
Physical state: Liquid
Colour: Brown
Odour characteristic
Melting point / freezing point No data available
Boiling point / boiling range No data available
Flammability (solid, gas) No data available
Flammability Limit in Air
Upper flammability or explosive limits No data available
Lower flammability or explosive limits No data available
Flash point > 100 °C
Autoignition temperature No information available Product is not self-igniting.
Decomposition temperature No data available
pH: 4.0-7.0
Kinematic viscosity No data available
Dynamic viscosity No data available
Water solubility Soluble in water
Solubility(ies) No data available
Partition coefficient No data available
Vapour pressure No data available
Relative density
Bulk density No data available
Liquid Density 1.070 - 1.250
Vapour density No data available
Particle characteristics
Particle Size No information available
Particle Size Distribution No information available
Surface tension No data available
9.2. Other information
9.2.1. Information with regards to physical hazard classes

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Not applicable
9.2.2. Other safety characteristics
No information available

10. Stability and reactivity

Stable under normal handling, storage and usage conditions.
10.1. Reactivity
Reacts with : Strong oxidisers.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Water, humidity. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. Strong bases. Strong oxidisers.
10.6. Hazardous decomposition products
Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. fume. Carbon monoxide. Carbon dioxide.

11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Information on likely routes of exposure
Product Information
Inhalation No known effect based on information supplied.
Eye contact No known effect based on information supplied.
Skin contact No known effect based on information supplied.
Ingestion No known effect based on information supplied.
Symptoms related to the physical, chemical and toxicological characteristics
Symptoms No information available.
Acute toxicity
Delayed and immediate effects as well as chronic effects from short and long-term exposure
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Germ cell mutagenicity Based on available data, the classification criteria are not met
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT - single exposure Based on available data, the classification criteria are not met.
STOT - repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.
11.2. Information on other hazards
11.2.1. Endocrine disrupting properties
Endocrine disrupting properties No information available.
11.2.2. Other information
Other adverse effects No information available

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12. Ecological information

12.1. Toxicity
Ecotoxicity Not considered to be harmful to aquatic life.
Unknown aquatic toxicity, unknown hazards to the aquatic environment.
12.2. Persistence and degradability
Persistence and degradability OECD 301F:. Readily biodegradable.
12.3. Bioaccumulative potential
Bioaccumulation No information available.
12.4. Mobility in soil
Mobility in soil No information available.
12.5. Results of PBT and vPvB assessment
PBT and vPvB assessment No information available.
12.6. Other adverse effects
Endocrine disrupting properties No information available.
12.7. Other adverse effects
Other information Do not allow product to reach sewage system

13. Disposal considerations

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Comply with local regulations for disposal.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

14. Transport information

IATA
14.1 UN number or ID number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
IMDG
14.1 UN number or ID number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Marine pollutant Not applicable
Environmental hazards Not applicable
14.6 Special precautions for user
14.7 Maritime transport in bulk according to IMO instruments No information available
ADR
14.1 UN number or ID number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated

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14.4 Packing group Not regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Overland transport Not established.
Transport by sea Not established.
Air transport Not established.
Inland waterway transport Not established.
Rail transport Not established.
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not established.

15. Regulatory information

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
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
15.1.2. National regulations
No additional information available
15.2. Chemical safety assessment
No chemical safety assessment has been carried out

16. Additional information

16.1 Abbreviations
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA – European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC – Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO – International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity

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Relationship; PNEC: Predicted No Effect Concentration; REACH – Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

DECLARATION OF ALLERGENS
COMPLIANCE OF REGULATION (EC) NO 2023/1545

Substance/compound name	INCI name	CAS No	Max %
3-Propylidenephthalide	3-Propylidenephthalide	17369-59-4	-
Alpha-Pinene	Pinene	80-56-8 / 7785-70-8	-
Beta-Pinene	Pinene	127-91-3 / 18172-67-3	-
Alpha-isomethyl ionone	Alpha-Isomethyl Ionone	127-51-5	-
Alpha-Terpinene	Alpha-Terpinene	99-86-5	-
Acetyl cedrene	Acetyl Cedrene	32388-55-9	-
Amyl cinnamal	Amyl Cinnamal	122-40-7	-
Amyl Salicylate	Amyl Salicylate	2050-08-0	-
Amylcinnamyl alcohol	Amylcinnamyl Alcohol	101-85-9	-
Anethole	Anethole	104-46-1	-
Anise alcohol	Anise Alcohol	105-13-5	-
Balsam of Peru	Myroxylon Pereirae (Oil/Extract)	8007-00-9	-
Beta-Caryophyllene	Beta-Caryophyllene	87-44-5	-
Benzaldehyde	Benzaldehyde	100-52-7	-
Benzyl alcohol	Benzyl Alcohol	100-51-6	-
Benzyl benzoate	Benzyl Benzoate	120-51-4	-
Benzyl cinnamate	Benzyl Cinnamate	103-41-3	-
Benzyl salicylate	Benzyl Salicylate	118-58-1	-
Camphor	Camphor	76-22-2	-
Cananga Odorata (Oil/Extract)	Cananga Odorata (Oil/Extract)	multiple CAS	-
Carvone	Carvone	99-49-0 / 6485-40-1	-
Cedrus Atlantica (Oil/Extract)	Cedrus Atlantica (Oil/Extract)	92201-55-3 / 8023-85-6	-
Cinnamaldehyde	Cinnamal	104-55-2	-
Cinnamomum Cassia Leaf Oil	Cinnamomum Cassia Leaf Oil	multiple CAS	-
Cinnamomum Zeylanicum Bark Oil	Cinnamomum Zeylanicum Bark Oil	multiple CAS	-
Cinnamyl alcohol	Cinnamyl Alcohol	104-54-1	-
Citral	Citral	5392-40-5	-
Citronellol	Citronellol	106-22-9	-
Citrus Aurantium Bergamia Peel Oil	Citrus Aurantium Bergamia Peel Oil	multiple CAS	-
Citrus Aurantium Flower Oil	Citrus Aurantium Flower Oil	multiple CAS	-
Citrus Aurantium Peel Oil	Citrus Aurantium Peel Oil	multiple CAS	-

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Citrus Limon Peel Oil	Citrus Limon Peel Oil	multiple CAS	-
Coumarin	Coumarin	91-64-5	-
Dimethyl Phenethyl Acetate	Dimethyl Phenethyl Acetate	multiple CAS	-
Eucalyptus Globulus Oil	Eucalyptus Globulus Oil	multiple CAS	-
Eugenia Caryophyllus Oil	Eugenia Caryophyllus Oil	multiple CAS	-
Eugenol	Eugenol	97-53-0	-
Eugenyl acetate	Eugenyl Acetate	93-28-7	-
Exaltolide	Hexadecanolactone	106-02-5	-
Farnesol	Farnesol	4602-84-0	-
Galaxolide	Hexamethylindanopyran	1222-05-5	-
Geraniol	Geraniol	106-24-1	-
Geranyl acetate	Geranyl Acetate	105-87-3	-
Hexyl cinnamal	Hexyl Cinnamal	101-86-0	-
Hydroxycitronellal	Hydroxycitronellal	107-75-5	-
Isoeugenol	Isoeugenol	97-54-1	-
Isoeugenyl acetate	Isoeugenyl Acetate	93-29-8	-
Jasmine (Oil/Extract)	Jasmine (Oil/Extract)	multiple CAS	-
Juniperus Virginiana Oil	Juniperus Virginiana Oil	multiple CAS	-
Laurus Nobilis Leaf Oil	Laurus Nobilis Leaf Oil	multiple CAS	-
Lavandula (Oil/Extract)	Lavandula (Oil/Extract)	multiple CAS	-
Lemongrass Oil	Lemongrass Oil	multiple CAS	-
Limonene	Limonene	5989-27-5	-
Linalool	Linalool	78-70-6	-
Linalyl acetate	Linalyl Acetate	115-95-7	-
Lippia Citriodora Absolute	Lippia Citriodora Absolute	multiple CAS	-
Mentha Piperita Oil	Mentha Piperita Oil	multiple CAS	-
Mentha Viridis (Leaf) Oil	Mentha Viridis (Leaf) Oil	multiple CAS	-
Menthol	Menthol	89-78-1	-
Methyl heptine carbonate	Methyl 2-Octynoate	111-12-6	-
Narcissus Extract	Narcissus Extract	multiple CAS	-
Oakmoss extract	Evernia Prunastri Extract	90028-68-5	-
Pelargonium Graveolens Flower Oil	Pelargonium Graveolens Flower Oil	multiple CAS	-
Pinus Mugo (Oil/Extract)	Pinus Mugo (Oil/Extract)	multiple CAS	-
Pinus Pumila (Oil/Extract)	Pinus Pumila (Oil/Extract)	multiple CAS	-
Pogostemon Cablin Oil	Pogostemon Cablin Oil	multiple CAS	-
Rose Flower (Oil/Extract)	Rose Flower (Oil/Extract)	multiple CAS	-
Rose Ketones	Rose Ketones	multiple CAS	-
Salicylaldehyde	Salicylaldehyde	90-02-8	-
Santalol	Santalol	multiple CAS	-
Santalum Album Oil	Santalum Album Oil	multiple CAS	-
Sclareol	Sclareol	multiple CAS	-
Terpineol	Terpineol	98-55-5	-
Terpinolene	Terpinolene	586-62-9	-
Tonalide / AHTN	Tetramethyl acetyloctahy-dronaphthalenes	54464-57-2 / 68155-66-8	-

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Treemoss extract	Evernia Furfuracea Extract	90028-67-4	-
Trimethylbenzenepropanol	Trimethylbenzenepropanol	multiple CAS	-
Trimethylcyclopentenyl Methyli-sopentenol	Trimethylcyclopentenyl Methyli-sopentenol	multiple CAS	-
Turpentine oil	Turpentine	8006-64-2	-
Vanillin	Vanillin	121-33-5	-
Wintergreen oil / Methyl salicylate	Methyl Salicylate	119-36-8	-

Disclaimer:
This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.

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