

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 1 of 13

Print date: 10/08/2022

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

1.1 Product identifier.

Product Name: REED DIFFUSER GREEN APPLE 30ML MIKAROMAS
Product Code: 059224
UFI: QKE1-K0HT-600N-4FE0

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

air freshener

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **Jesus Gómez S.L.**
Address: Germanells, 8 Polígono Industrial Rafelbuñol
City: 46138 - Rafelbuñol
Province: Valencia
Telephone: 961410436 / 609032099
Fax: 961410443
E-mail: regulatory@flormayo.com
Web: www.flormayo.com

1.4 Emergency telephone number: 915620420 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EU) No 1272/2008:

Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.

Flam. Liq. 2 : Highly flammable liquid and vapour.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P273 Avoid release to the environment.
P370+P378 In case of fire: Use extinguisher powder or CO2 to extinguish.
P501 Dispose of contents and container in accordance with local and national regulations.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 2 of 13

Print date: 10/08/2022

EUH statements:

EUH208	Contains benzyl salicylate. May produce an allergic reaction.
EUH208	Contains (S)-p-mentha-1,8-diene; l-limonene. May produce an allergic reaction.
EUH208	Contains α-hexylcinnamaldehyde. May produce an allergic reaction.
EUH208	Contains alpha-Amylcinnamic aldehyde (ACA). May produce an allergic reaction.
EUH208	Contains Hexyl salicylate. May produce an allergic reaction.

2.3 Other hazards.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

The product may have the following additional risks:

Not relevant

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 603-002-00-5 CAS No: 64-17-5 EC No: 200-578-6 Registration No: 01-2119457610-43-XXXX	[2] ethanol, ethyl alcohol	50 - 75 %	Flam. Liq. 2, H225	-
CAS No: 100-79-8 EC No: 202-888-7 Registration No: 01-2120066005-66-XXXX	2,2-dimethyl-1,3-dioxolan-4-ylmethanol	1 - 10 %	Eye Irrit. 2, H319	-
Index No: 603-212-00-7 CAS No: 1222-05-5 EC No: 214-946-9 Registration No: 01-2119488227-29-XXXX	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, galaxolide, (HHCb)	0.25 - 2.5 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-
Index No: 607-754-00-5 CAS No: 118-58-1 EC No: 204-262-9	benzyl salicylate	0.1 - 1 %	Skin Sens. 1B, H317	-
CAS No: 142-19-8 EC No: 205-527-1 Registration No: 01-2119488961-23-XXXX	Allyl heptanoate	0.1 - 25 %	Acute Tox. 3, H311 - Acute Tox. 3, H301 - Aquatic Acute 1, H400 - Aquatic Chronic 3, H412	-
CAS No: 34590-94-8 EC No: 252-104-2 Registration No: 01-2119450011-60-XXXX	[1] [2] (2-methoxymethylethoxy)propanol	0 - 2.5 %	-	-

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 3 of 13

Print date: 10/08/2022

Index No: 601-029-00-7 CAS No: 5989-54-8 EC No: 227-815-6	(S)-p-mentha-1,8-diene, l-limonene	0.1 - 0.25 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Flam. Liq. 3, H226 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
CAS No: 101-86-0 EC No: 202-983-3	α-hexylcinnamaldehyde	0.1 - 1 %	Skin Sens. 1, H317	-
CAS No: 122-40-7 EC No: 204-541-5	alpha-Amylcinnamic aldehyde (ACA)	0.1 - 1 %	Aquatic Chronic 2, H411 - Skin Sens. 1, H317	-
CAS No: 128-37-0 EC No: 204-881-4 Registration No: 01-2119565113-46-XXXX	[2] 2,6-di-tert-butyl-p-cresol	0.1 - 0.25 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-
CAS No: 140-11-4 EC No: 205-399-7 Registration No: 01-2119638272-42-XXXX	[2] Benzyl acetate	0 - 25 %	Aquatic Chronic 3, H412	-
CAS No: 6259-76-3 EC No: 228-408-6 Registration No: 01-2119638275-36-XXXX	Hexyl salicylate	0.1 - 0.25 %	Aquatic Chronic 1, H410 - Skin Sens. 1B, H317	-
Index No: 605-019-00-3 CAS No: 5392-40-5 EC No: 226-394-6 Registration No: 01-2119462829-23-XXXX	[2] citral	0 - 1 %	Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
Index No: 607-130-00-2 CAS No: 123-92-2 EC No: 204-662-3 Registration No: 01-2119548408-32-XXXX	[1] [2] isopentyl acetate	0 - 2.5 %	Flam. Liq. 3, H226	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance with a European Union exposure limit in the workplace (see section 8.1).

[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 4 of 13

Print date: 10/08/2022

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

During a fire and depending on its magnitude the following may occur:

- Flammable vapors or gases.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment. Follow the instructions given in the emergency or fire evacuation plan or plans if available.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 5 of 13

Print date: 10/08/2022

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use anti-static footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
ethanol, ethyl alcohol	64-17-5	United Kingdom [1]	Eight hours	1000	1920
			Short term		
		Éire [2]	Eight hours		
			Short term	1000	
		United States [3] (Cal/OSHA)	Eight hours	1000	
			Short term		
		United States [4] (NIOSH)	Eight hours	1000	
			Short term		
		United States [5] (OSHA)	Eight hours	1000	1900
			Short term		
(2-methoxymethylethoxy)propanol	34590-94-8	European Union [6]	Eight hours	50 (skin)	308 (skin)
			Short term		
		United Kingdom [1]	Eight hours	50	308
			Short term		
		Éire [2]	Eight hours	50	308
			Short term		
		United States [3] (Cal/OSHA)	Eight hours	100	
			Short term	150	
		United States [4] (NIOSH)	Eight hours	100	
			Short term	150	
2,6-di-tert-butyl-p-cresol	128-37-0	United Kingdom [1]	Eight hours		10
			Short term		
		Éire [2]	Eight hours		2
			Short term		

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 6 of 13

Print date: 10/08/2022

			Short term		
Benzyl acetate	140-11-4	Éire [2]	Eight hours	10	
			Short term		
citral	5392-40-5	Éire [2]	Eight hours	5 (Inhalation fraction vapour)	
			Short term		
isopentyl acetate	123-92-2	European Union [6]	Eight hours	50	270
			Short term	100	540
		Éire [2]	Eight hours	50	260
			Short term	100	520
		United States [3] (Cal/OSHA)	Eight hours	50	
			Short term	100	
		United States [4] (NIOSH)	Eight hours	100	
			Short term		
		United States [5] (OSHA)	Eight hours	100	525
			Short term		

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

[3] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[4] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[5] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[6] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
ethanol, ethyl alcohol CAS No: 64-17-5 EC No: 200-578-6	DNEL (Workers)	Inhalation, Chronic, Systemic effects	950 (mg/m ³)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, galaxolide, (HHCB) CAS No: 1222-05-5 EC No: 214-946-9	DNEL (Workers)	Inhalation, Chronic, Systemic effects	5,29 (mg/m ³)
Allyl heptanoate CAS No: 142-19-8 EC No: 205-527-1	DNEL (Workers)	Inhalation, Chronic, Local effects	28,4 (mg/m ³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	4,2 (mg/m ³)
2,6-di-tert-butyl-p-cresol CAS No: 128-37-0 EC No: 204-881-4	DNEL (Workers)	Inhalation, Chronic, Systemic effects	3,5 (mg/m ³)
Benzyl acetate CAS No: 140-11-4 EC No: 205-399-7	DNEL (Workers)	Inhalation, Chronic, Systemic effects	21,9 (mg/m ³)
Hexyl salicylate CAS No: 6259-76-3 EC No: 228-408-6	DNEL (Workers)	Inhalation, Chronic, Systemic effects	0,729 (mg/m ³)
citral CAS No: 5392-40-5 EC No: 226-394-6	DNEL (Workers)	Inhalation, Chronic, Systemic effects	9 (mg/m ³)
isopentyl acetate CAS No: 123-92-2 EC No: 204-662-3	DNEL (Workers)	Inhalation, Chronic, Systemic effects	20,8 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	5,1 (mg/m ³)
	DNEL (Workers)	Dermal, Chronic, Systemic effects	2,95 (mg/kg bw/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	1,47 (mg/kg bw/day)

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 7 of 13

Print date: 10/08/2022

	DNEL (Consumers)	Oral, Chronic, Systemic effects	1,47 (mg/kg bw/day)
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DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

Name	Details	Value
ethanol, ethyl alcohol CAS No: 64-17-5 EC No: 200-578-6	Fresh water	0,96 (mg/L)
	Marine water	0,79 (mg/L)
	aqua (intermittent releases)	2,75 (mg/L)
	Soil	0,63 (mg/kg soil dw)
	sediment (freshwater)	3,6 (mg/kg sediment dw)
isopentyl acetate CAS No: 123-92-2 EC No: 204-662-3	aqua (freshwater)	0,022 (mg/L)
	aqua (marine water)	0,0022 (mg/L)
	aqua (intermittent releases)	0,22 (mg/L)
	STP	30 (mg/L)
	sediment (freshwater)	17,87 (mg/kg sediment dw)
	sediment (marine water)	1,787 (mg/kg sediment dw)
	soil	4,15 (mg/kg soil dw)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	air freshener
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection:	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: Green

Odour: Característico

Odour threshold: Not available

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 8 of 13

Print date: 10/08/2022

Melting point: Not available
Freezing point: Not available
Boiling point or initial boiling point and boiling range: Not available
Flammability: Not available
Lower explosion limit: Not available
Upper explosion limit: Not available
Flash point: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available
pH: 4,4 (100%)
Kinematic viscosity: Not available
Solubility: Not available
Hydrosolubility: Not available
Liposolubility: Not available
Partition coefficient n-octanol/water (log value): Not available
Vapour pressure: Not available
Absolute density: 0,829 kg/m³
Relative density: Not available
Relative vapour density: Not available
Particle characteristics: Not available

9.2 Other information

Viscosity: Not available
Explosive properties: Not applicable/Not available due to the nature/properties of the product
Oxidizing properties: Not applicable/Not available due to the nature/properties of the product
Dropping point: Not available
Blink: Not available

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

10.3 Possibility of hazardous reactions.

Neutralization can occur on contact with bases.
In certain conditions this may cause a polymerization reaction.

10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Contact with incompatible materials.
- Avoid contact with bases.

10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- CO_x (carbon oxides).
- Organic compounds.
- Corrosive vapors or gases.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 9 of 13

Print date: 10/08/2022

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
isopentyl acetate CAS No: 123-92-2 EC No: 204-662-3	Oral	LD50	Rabbit	7410 mg/kg bw [1]
		[1] Aliphatic alcohols and alkyl esters. Narcotic and lethal potencies to tadpoles and to rabbits. Munch, J.C. 1972.		
	Dermal	LD50	Rabbit	>5000 mg/kg [1]
		[1] review: OPDYKE D L J, FOOD COSMET TOXICOL, 13 (5), 545-554, 1975. original source mentioned: Moreno, O.M. (1973). Report to RIFM, 1 February. Opdyke D L J 1975.		
	Inhalation	LOAEL	Cat	11600 mg/m ³ air [1]
		[1] Ferdinand Flury und Wolfgang Wirth, International Archives of Occupational and Environmental Health Springer Berlin / Heidelberg ISSN 0340-0131 (Print), Heft Volume 5, Number 1, Seiten 1-90, Dezember 1933, DOI 10.1007/BF02274996		

a) acute toxicity;

Not conclusive data for classification.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Dermal) = 63.158 mg/kg

ATE (Oral) = 21.053 mg/kg

b) skin corrosion/irritation;

Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;

Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation;

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS

Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 10 of 13

Print date: 10/08/2022



There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
isopentyl acetate CAS No: 123-92-2 EC No: 204-662-3	Fish	LC50	Leuciscus idus melanotus	36 mg/l (48 h) [1]
		[1] Fish toxicity (mg/l) Lüdemann WaBoLu Berlin. The methodology was based on the static fish test with the Gold orfe (Leuciscus idus melanotus), according to Mann (1975, 1976), published in Vom Wasser 46 (1976).		
	Aquatic invertebrates	EC50	Daphnia magna Straus	205 mg/l (24 h) [1]
		[1] Experimental result, Prüfvorschrift DIN 38412 Teil 11.		
	Aquatic plants	ErC50	Desmodesmus subspicatus	>100 mg/l (48 h) [1]
		[1] Study report, 2010. OECD Guideline 201 (Alga, Growth Inhibition Test).		

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
ethanol, ethyl alcohol CAS No: 64-17-5 EC No: 200-578-6	-0,3	-	-	Very low
Benzyl acetate CAS No: 140-11-4 EC No: 205-399-7	1,96	-	-	Very low
isopentyl acetate CAS No: 123-92-2 EC No: 204-662-3	2,26	-	21,5 mg/L	Low

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

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SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS

Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022



Page 11 of 13

Print date: 10/08/2022

12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number or ID number.

UN No: UN1993

14.2 UN proper shipping name.

Description:

ADR/RID: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL ETHYL ALCOHOL / (S)-P-MENTHA-1,8-DIENE L-LIMONENE), 3, PG II, (D/E)

IMDG: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL ETHYL ALCOHOL / (S)-P-MENTHA-1,8-DIENE L-LIMONENE), 3, PG II

ICAO/IATA: UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL ETHYL ALCOHOL / (S)-P-MENTHA-1,8-DIENE L-LIMONENE), 3, PG II

14.3 Transport hazard class(es).

Class(es): 3

14.4 Packing group.

Packing group: II

14.5 Environmental hazards.

Marine pollutant: No

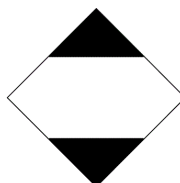
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-E

14.6 Special precautions for user.

ADR LQ: 1 L

IMDG LQ: 1 L

ICAO LQ: 1 L



Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR. Proceed in accordance with point 6.

14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 12 of 13

Print date: 10/08/2022

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

VOC content (p/p): 75,014 %

VOC content: 646,491 g/l

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant to water (Germany): WGK 2: Hazardous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 3 : Acute toxicity (Dermal), Category 3
Acute Tox. 3 : Acute toxicity (Oral), Category 3
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1
Aquatic Chronic 2 : Chronic effect to the aquatic environment, Category 2
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3
Eye Irrit. 2 : Eye irritation, Category 2
Flam. Liq. 2 : Flammable liquid, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
Skin Irrit. 2 : Skin irritant, Category 2
Skin Sens. 1 : Skin sensitiser, Category 1
Skin Sens. 1B : Skin sensitiser, Category 1B

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

059224-REED DIFFUSER GREEN APPLE 30ML MIKAROMAS



Version 1 Date of compilation: 9/08/2022

Version 2 (replaces version 1)

Revision date: 09/08/2022

Page 13 of 13

Print date: 10/08/2022

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AwSV: Facility Regulations for handling substances that are hazardous for the water.

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

NOEC: No observed effect concentration.

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

WGK: Water hazard classes.

Key literature references and sources for data:

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

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.