S A F E T Y D A T A S H E E T

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2020/878)

No 5 Cedara Fragrance Diffuser

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

1.1. Product identifier

Product name	No 5 Cedara Fragrance Diffuser
Product code	None.
Unique formula identifier (UFI)	RV30-J0SF-Y00A-N0XW

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

Use of the Substance/Mixture	Fragrance diffuser

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification	MAREIN AG Bahnhofstrasse 134 CH-8957 Spreitenbach Tel: +41 (0)56 418 10 40 Mail: info@marein.ch
1.4. Emergency telephone number	145 (Tox Info Suisse)
Revision date	20.06.2024
Version	GHS 1

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008	Serious eye damage/eye irritation, Cat. 2, H319 Skin Sensitisation, Sub-Cat. 1B, H317 Flammable liquids, Cat. 2, H225 Hazardous to the aquatic environment, chronic, Cat. 3, H412
Additional information	For the full text of the phrases mentioned in this Section, see

Section 16.

2.2. Label elements

Signal Word	Danger
Hazard Statements	H225: Highly flammable liquid and vapour. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313: If skin irritation or rash occurs: Get medical advice/ attention. P337+P313: If eye irritation persists: Get medical advice/ attention. P501: Dispose of product residues with municipal waste.
Supplemental information	None.
Product identifier	(ethoxymethoxy)cyclododecane, CAS-No. 58567-11-6, EC-No. 261-332-1 Octahydrotetramethyl acetophenone (OTNE, Amber Fleur), EC-No. 915-730-3 Linalool, CAS-No. 78-70-6, EC-No. 201-134-4 4-tert-butylcyclohexyl acetate, CAS-No. 32210-23-4, EC-No. 250-954-9 (R)-p-mentha-1,8-diene; d-limonene, CAS-No. 5989-27-5, EC-No. 227-813-5
Packaging	Tactile warning of danger (EN/ISO 11683).
2.3. Other hazards	Does not contain any PBT/vPvB substances ≥ 0.1%, assessed according to REACH Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Liquid mixture.

Components	Weight %	CLP Classification	Product identifier
Ethanol	75% - 85%	Eye Irrit. 2 H319, Flam. Liq. 2 H225	CAS-No.: 64-17-5 EC-No.: 200-578-6

Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	2.5% - 5%	Eye Irrit. 2 H319	CAS-No.: 63500-71-0 EC-No.: 405-040-6 Index-No: 603-101-00-3
(ethoxymethoxy)cyclododecane	1% - 2.5%	Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Chronic 2 H411	CAS-No.: 58567-11-6 EC-No.: 261-332-1
Octahydrotetramethyl acetophenone (OTNE, Amber Fleur)	1% - 2.5%	Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Chronic 2 H411	EC-No.: 915-730-3
3-methoxy-3-methylbutan-1-ol	1% - 2.5%	Eye Irrit. 2 H319	CAS-No.: 56539-66-3 EC-No.: 260-252-4
Linalool	2.5% - 3%	Skin Sens. 1B H317	CAS-No.: 78-70-6 EC-No.: 201-134-4 Index-No: 603-235-00-2
4-tert-butylcyclohexyl acetate	0.5% - 1%	Skin Sens. 1B H317	CAS-No.: 32210-23-4 EC-No.: 250-954-9
(R)-p-mentha-1,8-diene; d-limonene	0.1% - 0.5%	Skin Irrit. 2 H315, Skin Sens. 1B H317, Asp. Tox. 1 H304, Aquatic Acute 1 H400, Aquatic Chronic 3 H412, Flam. Liq. 3 H226	CAS-No.: 5989-27-5 EC-No.: 227-813-5 Index-No: 601-096-00-2
alpha pinene	0.1% - 0.5%	Skin Sens. 1 H317, Asp. Tox. 1 H304, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, Flam. Liq. 3 H226	CAS-No.: 7785-26-4 EC-No.: 232-077-3
[3R-(3α,3aβ,7β,8aα)]-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene	0.1% - 0.5%	Asp. Tox. 1 H304, Aquatic Acute 1 H400, Aquatic Chronic 1 H410 , M-Factor Acute=10 chronic=10	CAS-No.: 469-61-4 EC-No.: 207-418-4

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician for severe cases.

Skin contact If skin irritation persists, call a physician. Wash with water and soap as a precaution.

Eye contact If eye irritation persists, consult a specialist. Rinse immediately with plenty of water, also under the eyelids.

Ingestion Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

4.2. Most important symptoms and effects, both acute and delayed Anticipated acute effects: Superficial burning sensation. Blurred vision. Erythema. Allergic appearance.

4.3. Indication of any immediate medical attention and special treatment needed	None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.
Unsuitable extinguishing media	High volume water jet.
5.2. Special hazards arising from the substance or mixture	During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.3. Advice for firefighters

Special protective equipment for firefighters	Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus. Complete suit protecting against chemicals.
Specific methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid contact with skin and eyes.
For emergency responders	Avoid contact with skin and eyes. Use non-slip safety shoes in areas where spills or leaks can occur.
6.2. Environmental precautions	Contain spillage, and then collect with non-combustible absorbent material, (e.g. universal binder, sand, diatomaceous earth, vermiculite). Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.
6.3. Methods and material for containment and cleaning up	Small quantities: Wipe up with adsorbent material (e.g. cloth, fleece). Large quantities: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable and closed containers for disposal (Plastic container of HDPE).
6.4. Reference to other sections	See chapter 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Avoid contact with skin and eyes.
7.2. Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store at room temperature in the original container.
7.3. Specific end use(s)	No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	No data is available on the product itself.
Ethanol (CAS 64-17-5)	
UK - Workplace Exposure Limits (WELs) - STELs	3000 ppm STEL (calculated) 5760 mg/m3 STEL (calculated)
UK - Workplace Exposure Limits (WELs) - TWAs	1000 ppm TWA 1920 mg/m3 TWA

8.2. Exposure controls

Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice.
Personal protection equipment	
Respiratory protection	No special protective equipment required.
Hand protection	Gloves made of latex. Break through time: > 4 h. Minimum layer thickness: 0.11mm. The selected protective gloves have to satisfy the specifications of Regulation (EU) No. 2016/425 and the standard EN 374 derived from it.
Eye protection	Safety glasses.
Skin and body protection	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Thermal hazards	No special measures required.
Environmental exposure controls	Prevent product from entering surface water or sewage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Blue.
Odour	Perfumed.

Melting point/ freezing point:	< -40°C
Boiling point or initial boiling point / range:	78°C (Ethanol)
Flammability:	highly flammable
Lower and upper explosion limit:	Not determined.
Flash point:	< 23°C
Auto-ignition temperature:	400°C (Ethanol)
Decomposition temperature:	Not determined.
pH:	neutral
Kinematic viscosity:	Not determined.
Solubility:	soluble (Water)
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure:	58 hPa (Ethanol)
Density and/or relative density:	< 1.0
Relative vapour density:	Not determined.
Particle characteristics:	Not applicable.

9.2. Other information

9.2.1 Information with regard to physical hazard classes	No information available.
9.2.2 Other safety characteristics	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	No information available.
10.2. Chemical stability	No decomposition if used as directed.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	Burning produces obnoxious and toxic fumes.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None under normal use.

SECTION 11: Toxicological information

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

Acute toxicity

No data is available on the product itself.
Ethanol (CAS 64-17-5)
Inhalation LC50 Rat = 116.9 mg/L 4 h(ECHA_API)
Inhalation LC50 Rat = 133.8 mg/L 4 h(ECHA_API)
Oral LD50 Rat = 7060 mg/kg (NLM_CIP)
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (CAS 63500-71-0)
Dermal LD50 Rabbit > 2000 mg/kg (ECHA_API)

	(ethoxymethoxy)cyclododecane (CAS 58567-11-6) Dermal LD50 Rabbit > 5000 mg/kg (ECHA_API) Oral LD50 Rat > 5 g/kg (NLM_CIP) **3-methoxy-3-methylbutan-1-ol (CAS 56539-66-3)** Dermal LD50 Rat > 2000 mg/kg (ECHA_API) Inhalation LC50 Rat > 5 mg/L 4 h(ECHA_API) **Linalool (CAS 78-70-6)** Inhalation LC50 Mouse > 3.2 mg/L 90 min(ECHA_API) Dermal LD50 Rabbit = 5610 mg/kg (ECHA_API) Oral LD50 Rat = 2790 mg/kg (NLM_CIP) **4-tert-butylcyclohexyl acetate (CAS 32210-23-4)** Dermal LD50 Rabbit > 5000 mg/kg (CHEMVIEW) Oral LD50 Rat = 5 g/kg (NLM_CIP) **(R)-p-mentha-1,8-diene; d-limonene (CAS 5989-27-5)** Dermal LD50 Rabbit > 5 g/kg (CHEMVIEW) Oral LD50 Rat = 4400 mg/kg (CHEMVIEW) Oral LD50 Rat = 5200 mg/kg (CHEMVIEW) **alpha pinene (CAS 7785-26-4)** Dermal LD50 Rat > 2000 mg/kg (ECHA_API)
Skin corrosion/irritation	Mild skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory / Skin Sensitisation	May cause an allergic skin reaction.
Carcinogenicity	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	No data available.

11.2. Information on other hazards

Endocrine disrupting properties	Contains no endocrine disrupting chemicals.
Other information	No data available.

SECTION 12: Ecological information

12.1. Toxicity	Harmful to aquatic life with long lasting effects.
Ethanol (CAS 64-17-5) Ecotoxicity - Earthworm - Acute Toxicity Data	LC50 48 h Eisenia foetida 0.1 - 1 mg/cm2 [filter paper] (IUCLID)

Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L [static] (EPA) LC50 96 h Pimephales promelas >100 mg/L [static] (EPA) LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through] (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	LC50 48 h Daphnia magna 9268 - 14221 mg/L (IUCLID) EC50 48 h Daphnia magna 2 mg/L [Static] (EPA)
3-methoxy-3-methylbutan-1-ol (CAS 56539-66-3)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Oryzias latipes >100 mg/L [semi-static] (ECHA)
Linalool (CAS 78-70-6)	
Ecotoxicity - Freshwater Algae - Acute Toxicity Data	EC50 96 h Desmodesmus subspicatus 88.3 mg/L (IUCLID)
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Oncorhynchus mykiss 27.8 mg/L [static] (ECHA)
Ecotoxicity - Water Flea - Acute Toxicity Data	EC50 48 h Daphnia magna 20 mg/L (IUCLID)
4-tert-butylcyclohexyl acetate (CAS 32210-23-4)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Cyprinus carpio 8.6 mg/L [semi-static] (ECHA)
(R)-p-mentha-1,8-diene; d-limonene (CAS 5989-27-5)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Pimephales promelas 0.619 - 0.796 mg/L [flow-through] (EPA) LC50 96 h Oncorhynchus mykiss 35 mg/L (EPA)
alpha pinene (CAS 7785-26-4)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Danio rerio 0.303 mg/L [semi-static] (ECHA)

12.2. Persistence and degradability	Expected to be biodegradable.
12.3. Bioaccumulative potential	No data is available on the product itself.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No information available.
12.6. Endocrine disrupting properties	Contains no endocrine disrupting chemicals.
12.7. Other adverse effects	No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of as unused product.

SECTION 14: Transport information

14.1. UN number or ID number	UN 1169
14.2. UN proper shipping name	EXTRACTS, AROMATIC, LIQUID (Ethanol)
14.3. Transport hazard class(es)	3
14.4. Packing group	II
14.5. Environmental hazards	Marine pollutant: No.
14.6. Special precautions for user	Not applicable.
14.7. Maritime transport in bulk according to IMO instruments	Not applicable.

UN Model Regulations

ADR/RID	UN 1169. Proper shipping name: EXTRACTS, AROMATIC, LIQUID (Ethanol). Class 3. Packing group II. ADR/RID-Labels 3. Classification code F1. Hazard identification no. 33. Limited quantity 5 L. Excepted quantity E2. Transport category 2. Tunnel restriction code (D/E).
IMDG	UN 1169. Proper shipping name: EXTRACTS, AROMATIC, LIQUID (Ethanol). Class 3. Packing group II. IMDG-Labels 3. Limited quantity 5 L. Excepted quantity E2. EmS F-E, S-D. Marine pollutant: No.
IATA	UN 1169. Proper shipping name: Extracts, aromatic, liquid (Ethanol). Class 3. Packing group II. IATA label 3. Packing instruction (passenger aircraft): 353 (5 L). Packing instruction (LQ): Y341 (1 L). Packing instruction (cargo aircraft): 364 (60 L).

Inland navigation ADN	UN 1169. Proper shipping name: EXTRACTS, AROMATIC, LIQUID (Ethanol). Class 3. Packing group II. ADN labels 3. Classification code F1. Limited quantity 5 L. Excepted quantity E2.
Further Information	None.

SECTION 15: Regulatory information

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

Regulatory Information	Take note of Dir 94/33/EC on the protection of young people at work.
Ethanol (CAS 64-17-5)	
EU - Biocides (1062/2014) - Annex II Part 1 - Supported Substances	036 Product type 1, 2, 4 (200-578-6)
EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 3
EU - REACH (1907/2006) - List of Registered Substances	Present
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (CAS 63500-71-0)	
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See entry 75.
EU - REACH (1907/2006) - List of Registered Substances	Present
(ethoxymethoxy)cyclododecane (CAS 58567-11-6)	
EU - REACH (1907/2006) - List of Registered Substances	Present
3-methoxy-3-methylbutan-1-ol (CAS 56539-66-3)	
EU - REACH (1907/2006) - List of Registered Substances	Present
Linalool (CAS 78-70-6)	
EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 19
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See entry 75.
EU - REACH (1907/2006) - List of Registered Substances	Present
4-tert-butylcyclohexyl acetate (CAS 32210-23-4)	
EU - REACH (1907/2006) - List of Registered Substances	Present
(R)-p-mentha-1,8-diene; d-limonene (CAS 5989-27-5)	
EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 12

EU - Plant Protection Products (1107/2009/EC) - Active Substances	Member States shall pay particular attention to: (a) the protection of operators and workers (b) the risk to birds and mammals (details in Commission Implementing Regulation 2020/2007/EU, listed under part B, Orange oil) Conditions of use shall include, where appropriate, risk mitigation measures (details in Commission Implementing Regulation 2020/2007/EU, listed under part B, Orange oil) The applicant shall submit confirmatory information as regards (1) the metabolite fate of orange oil and the route and rate of degradation in soil (2) the validation of endpoints used in the ecotoxicological risk assessment. The applicant shall submit that information to the Commission, Member States and the Authority by April 30, 2016 (details in Commission Implementing Regulation 2020/2007/EU, listed under part B, Orange oil)
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See entry 75. (C)
EU - REACH (1907/2006) - List of Registered Substances	Present
alpha pinene (CAS 7785-26-4)	
EU - REACH (1907/2006) - List of Registered Substances	Present
15.2. Chemical safety assessment	Not required.

SECTION 16: Other information

Key or legend to abbreviations and acronyms	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
Key literature references and sources for data	Sources of key data used to compile the Safety Data Sheet: REACH, ECHA.
Classification procedure	Classification according to Regulation (EC) No. 1272/2008.
Full text of phrases referred to under sections 2 and 3	H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. 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.
Further information	Take notice of the directions of use on the label.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.