

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 6/16/2023 Revision date: 6/16/2023 Supersedes version of: 6/16/2023 Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Product name : SUMMER SORBET #EU48596F
UFI : H6KA-C4XV-Y00U-HM84
Product code : EU48596F.
Type of product : Perfumes, fragrances
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use
Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : Perfumes, fragrances
Function or use category : Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Craftastik Limited
Unit 11 Swift Business Park
Creek Way, Rainham, RM13 8LE

info@craftastik.co.uk
T 44-203 305 6486

1.4. Emergency telephone number

Emergency number : 1-800-255-3924; +01-813-248-0585; China: +400-120-0751; Mexico: +01-800-099-0731;
Brazil: +0-800-591-6042; India: +000-800-100-4086

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
Skin corrosion/irritation, Category 2 H315
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Causes skin irritation. Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Warning

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Contains	: Citral; Hexyl cinnamic aldehyde; Orange Oil; Triplal (Vertocitral); Neryl acetate; UNDECYLENAL; 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-
Hazard statements (CLP)	: H226 - Flammable liquid and vapour. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting equipment. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling.
Extra phrases	: For professional users only.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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]
Isoamyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, DE, DK, EE, ES, FI, FR, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, TR); substance with a Community workplace exposure limit	CAS-No.: 123-92-2 EC-No.: 204-662-3 EC Index-No.: 607-130-00-2 REACH-no: 01-2119548408-32	4.7 – 9.4215	Flam. Liq. 3, H226
Citral substance with national workplace exposure limit(s) (BE, ES, IE, PL, PT)	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829-23	4.1 – 8.2645	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092-50	2.9 – 5.7851	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Orange Oil	CAS-No.: 8028-48-6 EC-No.: 232-433-8	1.4 – 2.8926	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Ethyl maltol	CAS-No.: 4940-11-8 EC-No.: 225-582-5	1.2 – 2.4793	Acute Tox. 4 (Oral), H302
Oenanthic ether (Ethyl heptanoate)	CAS-No.: 106-30-9 EC-No.: 203-382-9	1.2 – 2.4793	Flam. Liq. 3, H226 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Verdorex	CAS-No.: 88-41-5 EC-No.: 201-828-7 REACH-no: 01-2119970713-33	0.8 – 1.6529	Aquatic Chronic 2, H411
Anisic aldehyde	CAS-No.: 123-11-5 EC-No.: 204-602-6 REACH-no: 01-2119977101-43	0.6 – 1.2231	Aquatic Chronic 3, H412
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.4 – 0.8264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Ethyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5 REACH-no: 01-2119475103-46	0.2 – 0.4132	Flam. Liq. 1, H224 Eye Irrit. 2, H319 STOT SE 3, H336
Benzaldehyde substance with national workplace exposure limit(s) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540-44	0.2 – 0.3306	Acute Tox. 4 (Oral), H302
Alcohol C-8 substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, SI, CH)	CAS-No.: 111-87-5 EC-No.: 203-917-6	0.1 – 0.2645	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272-42	0.1 – 0.2479	Aquatic Chronic 3, H412
1,2-Propanediol substance with national workplace exposure limit(s) (GB, HR, IE, LT, LV, PL, NO)	CAS-No.: 57-55-6 EC-No.: 200-338-0 REACH-no: 01-2119456809-23	0.1 – 0.1983	Not classified
Neryl acetate	CAS-No.: 141-12-8 EC-No.: 205-459-2	0.1 – 0.1322	Skin Sens. 1B, H317
UNDECYLENAL	CAS-No.: 112-45-8 EC-No.: 203-973-1 REACH-no: 01-2119990746-20	0.1 – 0.1207	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-	CAS-No.: 3658-77-3 EC-No.: 222-908-8	0 – 0.0496	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Irrit. 2, H319 Skin Sens. 1A, H317
Dimethyl sulfide substance with national workplace exposure limit(s) (BE, EE, ES, IE, LT, LV, PT, SE)	CAS-No.: 75-18-3 EC-No.: 200-846-2	0 – 0.0004	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.

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	: Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
----------------------	---

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Ventilate area.

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. 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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool. Keep container tightly closed.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.
- Storage temperature : 25 °C
- Storage area : Store in a well-ventilated place. Store away from heat.
- Special rules on packaging : Store in a closed container.
- Packaging materials : Do not store in corrodable metal.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Isoamyl acetate (123-92-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	270 mg/m ³
IOEL TWA [ppm]	50 ppm
IOEL STEL	540 mg/m ³
IOEL STEL [ppm]	100 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Isoamyl acetate (123-92-2)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	270 mg/m ³ (Pentyl acetate (all isomers))
MAK (OEL TWA) [ppm]	50 ppm (Pentyl acetate (all isomers))
MAK (OEL STEL)	540 mg/m ³ (Pentylacetate)
MAK (OEL STEL) [ppm]	100 ppm (Pentylacetate)
Belgium - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	270 mg/m ³
GVI (OEL TWA) [2]	50 ppm
KGVI (OEL STEL)	540 mg/m ³
KGVI (OEL STEL) [ppm]	100 ppm
Cyprus - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Denmark - Occupational Exposure Limits	
OEL TWA [1]	271 mg/m ³ (Amyl acetate, all isomers)
OEL TWA [2]	50 ppm (Amyl acetate, all isomers)
Estonia - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	270 mg/m ³ (Pentyl acetate)
HTP (OEL TWA) [2]	50 ppm (Pentyl acetate)
HTP (OEL STEL)	540 mg/m ³
HTP (OEL STEL) [ppm]	100 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Isoamyl acetate (123-92-2)	
France - Occupational Exposure Limits	
VME (OEL TWA)	270 mg/m ³ (restrictive limit)
VME (OEL TWA) [ppm]	50 ppm (restrictive limit)
VLE (OEL C/STEL)	540 mg/m ³ (restrictive limit)
VLE (OEL C/STEL) [ppm]	100 ppm (restrictive limit)
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	270 mg/m ³
AGW (OEL TWA) [2]	50 ppm
Gibraltar - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Greece - Occupational Exposure Limits	
OEL TWA	530 mg/m ³
OEL TWA [ppm]	100 ppm
OEL STEL	800 mg/m ³
OEL STEL [ppm]	150 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	270 mg/m ³
CK (OEL STEL)	540 mg/m ³
Ireland - Occupational Exposure Limits	
OEL TWA [1]	260 mg/m ³
OEL TWA [2]	50 ppm
OEL STEL	520 mg/m ³
OEL STEL [ppm]	100 ppm
Italy - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Latvia - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	270 mg/m ³
IPRV (OEL TWA) [ppm]	50 ppm
TPRV (OEL STEL)	540 mg/m ³
TPRV (OEL STEL) [ppm]	100 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Isoamyl acetate (123-92-2)	
Luxembourg - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Malta - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Netherlands - Occupational Exposure Limits	
TGG-15min (OEL STEL)	530 mg/m ³
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	250 mg/m ³
NDSch (OEL STEL)	500 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA	270 mg/m ³ (indicative limit value)
OEL TWA [ppm]	50 ppm (indicative limit value)
OEL STEL	540 mg/m ³ (indicative limit value)
OEL STEL [ppm]	100 ppm (indicative limit value, regulated under Pentyl acetate, all isomers)
Romania - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	270 mg/m ³
NPHV (OEL TWA) [2]	50 ppm
NPHV (OEL C)	540 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	270 mg/m ³ (indicative limit value)
VLA-ED (OEL TWA) [2]	50 ppm (indicative limit value)
VLA-EC (OEL STEL)	540 mg/m ³
VLA-EC (OEL STEL) [ppm]	100 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Isoamyl acetate (123-92-2)	
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	270 mg/m ³ (Pentyl acetates)
NGV (OEL TWA) [ppm]	50 ppm (Pentyl acetates)
KTV (OEL STEL)	540 mg/m ³ (Pentyl acetates)
KTV (OEL STEL) [ppm]	100 ppm (Pentyl acetates)
Norway - Occupational Exposure Limits	
Grønseverdi (OEL TWA) [1]	260 mg/m ³
Grønseverdi (OEL TWA) [2]	50 ppm
Korttidsverdi (OEL STEL)	325 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	75 ppm (value calculated)
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	50 ppm (Pentyl acetate, all isomers)
ACGIH OEL STEL [ppm]	100 ppm (Pentyl acetate, all isomers)
Citral (5392-40-5)	
Belgium - Occupational Exposure Limits	
OEL TWA	32 mg/m ³ (vapor and aerosol)
OEL TWA [ppm]	5 ppm (vapor and aerosol)
OEL chemical category	Skin
Ireland - Occupational Exposure Limits	
OEL TWA [2]	5 ppm
OEL STEL [ppm]	15 ppm (calculated)
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	27 mg/m ³
NDSch (OEL STEL)	54 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA [ppm]	5 ppm
OEL chemical category	Sensitizer, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [2]	5 ppm (inhalable fraction and vapor)
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer
Ethyl acetate (141-78-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	734 mg/m ³
IOEL TWA [ppm]	200 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl acetate (141-78-6)	
IOEL STEL	1468 mg/m ³
IOEL STEL [ppm]	400 ppm
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	734 mg/m ³
MAK (OEL TWA) [ppm]	200 ppm
MAK (OEL STEL)	1468 mg/m ³
MAK (OEL STEL) [ppm]	400 ppm
Belgium - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	734 mg/m ³
GVI (OEL TWA) [2]	200 ppm
KGVI (OEL STEL)	1468 mg/m ³
KGVI (OEL STEL) [ppm]	400 ppm
Cyprus - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	700 mg/m ³
Denmark - Occupational Exposure Limits	
OEL TWA [1]	540 mg/m ³
OEL TWA [2]	150 ppm
Estonia - Occupational Exposure Limits	
OEL TWA	500 mg/m ³
OEL TWA [ppm]	150 ppm
OEL STEL	1100 mg/m ³
OEL STEL [ppm]	300 ppm
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	730 mg/m ³

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl acetate (141-78-6)	
HTP (OEL TWA) [2]	200 ppm
HTP (OEL STEL)	1470 mg/m ³
HTP (OEL STEL) [ppm]	400 ppm
France - Occupational Exposure Limits	
VME (OEL TWA)	1400 mg/m ³
VME (OEL TWA) [ppm]	400 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	730 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar - Occupational Exposure Limits	
OEL TWA	200 mg/m ³
OEL TWA [ppm]	734 ppm
OEL STEL	400 mg/m ³
OEL STEL [ppm]	1468 ppm
Greece - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	734 mg/m ³
CK (OEL STEL)	1468 mg/m ³
OEL chemical category	Sensitizer
Ireland - Occupational Exposure Limits	
OEL TWA [1]	734 mg/m ³
OEL TWA [2]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Italy - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Latvia - Occupational Exposure Limits	
OEL TWA	200 mg/m ³
OEL TWA [ppm]	54 ppm
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	500 mg/m ³

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl acetate (141-78-6)	
IPRV (OEL TWA) [ppm]	150 ppm
NRV (OEL C)	1100 mg/m ³
NRV (OEL C) [ppm]	300 ppm
Luxembourg - Occupational Exposure Limits	
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Malta - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	734 mg/m ³
TGG-15min (OEL STEL)	1468 mg/m ³
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	734 mg/m ³
NDSch (OEL STEL)	1468 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA	734 mg/m ³ (indicative limit value)
OEL TWA [ppm]	200 ppm (indicative limit value)
OEL STEL	1468 mg/m ³ (indicative limit value)
OEL STEL [ppm]	400 ppm (indicative limit value)
Romania - Occupational Exposure Limits	
OEL TWA	400 mg/m ³
OEL TWA [ppm]	111 ppm
OEL STEL	500 mg/m ³
OEL STEL [ppm]	139 ppm
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	734 mg/m ³
NPHV (OEL TWA) [2]	200 ppm
NPHV (OEL C)	1100 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA	734 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	734 mg/m ³
VLA-ED (OEL TWA) [2]	200 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl acetate (141-78-6)	
VLA-EC (OEL STEL)	1468 mg/m ³
VLA-EC (OEL STEL) [ppm]	400 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	550 mg/m ³
NGV (OEL TWA) [ppm]	150 ppm
KTV (OEL STEL)	1100 mg/m ³
KTV (OEL STEL) [ppm]	300 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	734 mg/m ³
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	1468 mg/m ³
WEL STEL (OEL STEL) [ppm]	400 ppm
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	734 mg/m ³
Grenseverdi (OEL TWA) [2]	200 ppm
Korttidsverdi (OEL STEL)	1468 mg/m ³ (value from the regulation)
Korttidsverdi (OEL STEL) [ppm]	400 ppm (value from the regulation)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	730 mg/m ³
MAK (OEL TWA) [2]	200 ppm
KZGW (OEL STEL)	1460 mg/m ³
KZGW (OEL STEL) [ppm]	400 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	400 ppm
Benzaldehyde (100-52-7)	
Bulgaria - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	4.4 mg/m ³
HTP (OEL TWA) [2]	1 ppm
HTP (OEL C)	17.4 mg/m ³
HTP (OEL C) [ppm]	4 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	5 mg/m ³
CK (OEL STEL)	10 mg/m ³
Latvia - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	5 mg/m ³

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Benzaldehyde (100-52-7)	
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	10 mg/m ³
NDSch (OEL STEL)	40 mg/m ³
Alcohol C-8 (111-87-5)	
Bulgaria - Occupational Exposure Limits	
OEL TWA	10 mg/m ³
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	54 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed (long-chain Alcohols))
AGW (OEL TWA) [2]	10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed (long-chain Alcohols))
Latvia - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (Octanol)
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	10 mg/m ³
Romania - Occupational Exposure Limits	
OEL TWA	150 mg/m ³
OEL TWA [ppm]	28 ppm
OEL STEL	250 mg/m ³
OEL STEL [ppm]	47 ppm
OEL chemical category	Skin notation
Slovenia - Occupational Exposure Limits	
OEL TWA	106 mg/m ³
OEL TWA [ppm]	20 ppm
OEL STEL	106 mg/m ³
OEL STEL [ppm]	20 ppm
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	106 mg/m ³
MAK (OEL TWA) [2]	20 ppm
KZGW (OEL STEL)	106 mg/m ³
KZGW (OEL STEL) [ppm]	20 ppm
Benzyl acetate (140-11-4)	
Belgium - Occupational Exposure Limits	
OEL TWA	62 mg/m ³
OEL TWA [ppm]	10 ppm
Denmark - Occupational Exposure Limits	
OEL TWA [1]	61 mg/m ³
OEL TWA [2]	10 ppm

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Benzyl acetate (140-11-4)	
Ireland - Occupational Exposure Limits	
OEL TWA [2]	10 ppm
OEL STEL [ppm]	30 ppm (calculated)
Latvia - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	5 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen
Romania - Occupational Exposure Limits	
OEL TWA	50 mg/m ³
OEL TWA [ppm]	8 ppm
OEL STEL	80 mg/m ³
OEL STEL [ppm]	13 ppm
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	62 mg/m ³
VLA-ED (OEL TWA) [2]	10 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	10 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
1,2-Propanediol (57-55-6)	
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	474 mg/m ³ (total vapor and particles) 10 mg/m ³ (particles)
GVI (OEL TWA) [2]	150 ppm
Ireland - Occupational Exposure Limits	
OEL TWA [1]	10 mg/m ³ (particulates) 470 mg/m ³ (total vapour and particulates)
OEL TWA [2]	150 ppm (total vapour and particulates)
OEL STEL	1410 mg/m ³ (calculated-particulates) 30 mg/m ³ (calculated)
OEL STEL [ppm]	450 ppm (calculated-total vapour and particulates)
Latvia - Occupational Exposure Limits	
OEL TWA	7 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	7 mg/m ³
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	100 mg/m ³ (vapor and inhalable fraction)

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

1,2-Propanediol (57-55-6)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	474 mg/m ³ (total vapour and particulates) 10 mg/m ³ (particulates)
WEL TWA (OEL TWA) [2]	150 ppm (total vapour and particulates)
WEL STEL (OEL STEL)	1422 mg/m ³ (calculated-total vapour and particulates) 30 mg/m ³ (calculated-particulate)
WEL STEL (OEL STEL) [ppm]	450 ppm (calculated-total vapour and particulates)
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	79 mg/m ³
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	118.5 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
Dimethyl sulfide (75-18-3)	
Belgium - Occupational Exposure Limits	
OEL TWA	26 mg/m ³
OEL TWA [ppm]	10 ppm
Estonia - Occupational Exposure Limits	
OEL TWA [ppm]	1 ppm (total concentration of Dimethyl disulphide, Dimethyl sulphide and Methyl mercaptan)
Ireland - Occupational Exposure Limits	
OEL TWA [2]	10 ppm
OEL STEL [ppm]	30 ppm (calculated)
Latvia - Occupational Exposure Limits	
OEL TWA	50 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA) [ppm]	1 ppm
Portugal - Occupational Exposure Limits	
OEL TWA [ppm]	10 ppm
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [2]	10 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA) [ppm]	1 ppm (total sum of Dimethyl disulfide, Dimethyl sulfide and Methyl thiol (Sulfides))
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	10 ppm

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow. amber. Conforms to standard.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 58 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Citral (5392-40-5)

LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg

Hexyl cinnamic aldehyde (101-86-0)

LD50 oral rat	3100 mg/kg
LD50 oral	3100 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Orange Oil (8028-48-6)	
LD50 dermal rabbit	> 5000 mg/kg
Ethyl maltol (4940-11-8)	
LD50 oral rat	1150 mg/kg
LD50 oral	1200 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Oenanthic ether (Ethyl heptanoate) (106-30-9)	
LD50 oral rat	> 34640 mg/kg
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
LD50 oral	4600 mg/kg bodyweight
Anisic aldehyde (123-11-5)	
LD50 oral rat	> 2000 mg/kg
LD50 oral	3210 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 0.32 mg/l (Exposure time: 7 h)
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
Ethyl acetate (141-78-6)	
LD50 oral rat	5620 mg/kg
LD50 dermal rabbit	> 18000 mg/kg
LC50 Inhalation - Rat [ppm]	4000 ppm/4h
Benzaldehyde (100-52-7)	
LD50 oral rat	1292 mg/kg
LD50 dermal rabbit	> 1250 mg/kg
Alcohol C-8 (111-87-5)	
LD50 oral rat	> 3200 mg/kg
LD50 dermal rabbit	> 5 g/kg
LD50 dermal	2500 mg/kg bodyweight
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg
LD50 oral	2490 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
1,2-Propanediol (57-55-6)	
LD50 oral rat	20 g/kg
LD50 dermal rabbit	20800 mg/kg
Neryl acetate (141-12-8)	
LD50 oral rat	> 5 g/kg

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Neryl acetate (141-12-8)	
LD50 dermal rabbit	> 6 ml/kg
UNDECYLENAL (112-45-8)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 5000 mg/kg
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- (3658-77-3)	
LD50 oral	1608 mg/kg bodyweight
Dimethyl sulfide (75-18-3)	
LD50 oral rat	535 mg/kg
LD50 oral	3500 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat [ppm]	40250 ppm/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Ethyl acetate (141-78-6)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
No additional information available	
11.2.2. Other information	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met
SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.
Citral (5392-40-5)	
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	19 mg/l (Species: Desmodesmus subspicatus)

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl maltol (4940-11-8)	
LC50 - Fish [1]	> 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
Ethyl acetate (141-78-6)	
LC50 - Fish [1]	220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 - Crustacea [1]	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Benzaldehyde (100-52-7)	
LC50 - Fish [1]	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
LC50 - Fish [2]	12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Alcohol C-8 (111-87-5)	
LC50 - Fish [1]	11.4 – 12.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	17.68 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
1,2-Propanediol (57-55-6)	
LC50 - Fish [1]	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 - Fish [2]	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 96h - Algae [1]	19000 mg/l (Species: Pseudokirchneriella subcapitata)
Dimethyl sulfide (75-18-3)	
LC50 - Fish [1]	213 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: Daphnia pulex)
12.2. Persistence and degradability	
SUMMER SORBET #EU48596F	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
SUMMER SORBET #EU48596F	
Bioaccumulative potential	Not established.
Isoamyl acetate (123-92-2)	
Partition coefficient n-octanol/water (Log Pow)	2.7 (at 35 °C)
Citral (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
Ethyl maltol (4940-11-8)	
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 25 °C)
Oenanthic ether (Ethyl heptanoate) (106-30-9)	
Partition coefficient n-octanol/water (Log Pow)	3.98 (at 35 °C (at pH 7)
Anisic aldehyde (123-11-5)	
Partition coefficient n-octanol/water (Log Pow)	1.56 (at 25 °C (at pH >7.9-<8.25)

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl acetate (141-78-6)	
BCF - Fish [1]	(30 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	0.73 (at 20 °C (at pH 7))
Benzaldehyde (100-52-7)	
BCF - Fish [1]	(no significant bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)
Alcohol C-8 (111-87-5)	
Partition coefficient n-octanol/water (Log Pow)	3.5 (at 23 °C (at pH 5.7))
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7))
1,2-Propanediol (57-55-6)	
BCF - Fish [1]	(1 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	-1.07 (at 20.5 °C (at pH >=6.2-<=6.4))
Neryl acetate (141-12-8)	
Partition coefficient n-octanol/water (Log Pow)	3.98 (at 37 °C (at pH 7.2))
UNDECYLENAL (112-45-8)	
Partition coefficient n-octanol/water (Log Pow)	4.672 (at 25 °C)
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- (3658-77-3)	
Partition coefficient n-octanol/water (Log Pow)	0.95 (at 20 °C (at pH 2.5))

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Flammable vapours may accumulate in the container.
Ecology - waste materials	: Avoid release to the environment.

SUMMER SORBET #EU48596F






Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

HP Code	: HP3 - "Flammable:" – flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; – flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; – water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment
---------	--

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1993	UN 1993	UN 1993	UN 1993	UN 1993
14.2. UN proper shipping name				
FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate)	FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate)	Flammable liquid, n.o.s. (Ethyl Acetate)	FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate)	FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate)
Transport document description				
UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate), 3, III, (D/E)	UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate), 3, III	UN 1993 Flammable liquid, n.o.s. (Ethyl Acetate), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethyl Acetate), 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

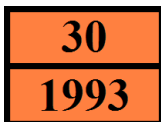
Classification code (ADR)	: F1
Special provisions (ADR)	: 274, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30
Orange plates :



Tunnel restriction code (ADR) : D/E
EAC code : •3Y

Transport by sea

Special provisions (IMDG) : 223, 274, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : LP01, P001
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 274, 601
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 274, 601
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID) : TP1, TP29
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hazard identification number (RID) : 30

14.7. Maritime transport in bulk according to IMO instruments

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

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	SUMMER SORBET #EU48596F ; Isoamyl acetate ; Oenanthic ether (Ethyl heptanoate) ; Orange Oil ; Ethyl acetate ; Dimethyl sulfide	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	SUMMER SORBET #EU48596F ; Hexyl cinnamic aldehyde ; Citral ; Orange Oil ; Benzaldehyde ; Alcohol C-8 ; Neryl acetate ; Ethyl acetate ; Triplal (Vertocitral) ; UNDECYLENAL ; 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- ; Dimethyl sulfide	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	SUMMER SORBET #EU48596F ; Hexyl cinnamic aldehyde ; Oenanthic ether (Ethyl heptanoate) ; Anisic aldehyde ; Verdox ; Orange Oil ; Alcohol C-8 ; Benzyl acetate ; Triplal (Vertocitral) ; UNDECYLENAL	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
40.	Isoamyl acetate ; Oenanthic ether (Ethyl heptanoate) ; Orange Oil ; Ethyl acetate ; Dimethyl sulfide	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

France

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Water hazard class (WGK)

: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

Storage class (LGK, TRGS 510)

: LGK 3 - Flammable liquids.

Joint storage table

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for

: LGK 1, LGK 2A, LGK 4.1A, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1C, LGK 5.2, LGK 6.1B, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for

: LGK 5.1B, LGK 6.1D, LGK 11, LGK 10-13.

Joint storage permitted for

: LGK 2B, LGK 3, LGK 6.1A, LGK 6.1C, LGK 8A, LGK 8B, LGK 10, LGK 12, LGK 13.

Hazardous Incident Ordinance (12. BImSchV)

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

Netherlands

ABM category

: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen

: Orange Oil, Triplal (Vertocitral) are listed

SZW-lijst van mutagene stoffen

: Orange Oil, Triplal (Vertocitral) are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

: None of the components are listed

SZW-lijst van reprotoxische stoffen –

: None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling

: None of the components are listed

Denmark

Class for fire hazard

: Class III-1

Store unit

: 50 liter

Classification remarks

: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

Storage class (LK)

: LK 3 - Flammable liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SUMMER SORBET #EU48596F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 16: Other information

Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.