Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

CandleCraft

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

1.1. Product identifier

Product form Product name Product code : Mixture : Pomegranate at 5% in DPG

: CC-16083_5%

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

1.2.1. Relevant identified uses

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

Candle Craft Weiherwiese 10 65510 Idstein - Germany T 49-6126-9363 -0 info@candlecraft.de - www.candlecraft.de

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	11440
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	
No additional information available	
2.2. Label elements	
Labelling according to Regulation (EC) No. 1272/2008 [CLP]	

3 1 1 1 1 1 1 1 1 1 1	A CONTRACT AND A
Signal word (CLP)	: -
Hazard statements (CLP)	: H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P273 - Avoid release to the environment.
EUH-statements	 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. EUH208 - Contains Aldehyde C-16, Methyl heptine carbonate. May produce an allergic reaction.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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]
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	1.6925 – 3.385	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Aldehyde C-16	CAS-No.: 77-83-8 EC-No.: 201-061-8 REACH-no: 01-2119967770- 28	0.25 – 0.5	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	0.0625 – 0.125	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethyl acetate 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	0.0125 – 0.025	Flam. Liq. 1, H224 Eye Irrit. 2, H319 STOT SE 3, H336

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

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	: 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.	
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.	
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.	
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.	

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

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

5.2. Special hazards arising from the substance or mixture		
No additional information available		
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.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment Emergency procedures	Equip cleanup crew with proper protection.Ventilate area.	
6.2. Environmental precautions		
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

: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and stora	ige	
7.1. Precautions for safe handling		
Precautions for safe handling	: 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.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.	
Incompatible products Incompatible materials	Strong bases. Strong acids.Sources of ignition. Direct sunlight.	

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
8.1.1 National occupational exposure and biological limit values		
Ethyl acetate (141-78-6)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	734 mg/m ³	

Safety Data Sheet

Ethyl acetate (141-78-6)		
IOEL TWA [ppm]	200 ppm	
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	

Safety Data Sheet

Finiad-occupational Exposure LimitsHTP ides Travits700 mg/mHTP ides Travits400 mg/mHTP ides Travits400 mg/mHTP ides Travits400 mg/mHTP ides Travits400 mg/mConcurational Exposure Limits (TR000000000000000000000000000000000000	Ethyl acetate (141-78-6)		
HTP (OEL TWA) [2] 200 ppm HTP (OEL STEL) [ppm] 400 ppm Frace-Occupational Exposure Limits 400 ppm VME (OEL TWA) [ppm] 400 ng/m ² Observational Exposure Limits (TRGS 9000000000000000000000000000000000000	Finland - Occupational Exposure Limits		
HTP (OEL STEL) (ppm) 440 ppm HTP (OEL STEL) (ppm) 400 ppm France - Occupational Exposure Limits 400 ppm Germany - Occupational Exposure Limits (TROS 9000000000000000000000000000000000000	HTP (OEL TWA) [1]	730 mg/m ³	
HTP (OEL STEL) [ppm] 400 ppm France - Occupational Exposure Limits 400 ppm VME (OEL TWA) 400 ppm Germany - Occupational Exposure Limits (TRGS 9000000000000000000000000000000000000	HTP (OEL TWA) [2]	200 ppm	
Fance - Occupational Exposure Limits VME (OEL TWA) 400 mg/m³ VME (OEL TWA) (ppm] 400 pm Germany - Occupational Exposure Limits (TROS 90) 700 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [1] 700 mg/m³ (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) Gibratar - Occupational Exposure Limits 200 mg/m³ Gibratar - Occupational Exposure Limits 200 mg/m³ OEL TWA (ppm] 734 ppm OEL TWA (ppm] 468 ppm OEL STEL (ppm] 468 ppm OEL TWA (ppm] 200 ppm OEL TWA (ppm] 246 mg/m³ OEL TWA (ppm] 246 mg/m³ OEL TWA (ppm] 246 mg/m³ <td>HTP (OEL STEL)</td> <td>1470 mg/m³</td>	HTP (OEL STEL)	1470 mg/m ³	
VME (OEL TWA) 1400 mg/m³ VME (OEL TWA) (ppm) 400 ppm Germany - Occupational Exposure Limits (TRGS 900 700 mg/m² (me 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) 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 200 mg/m³ OEL TWA 200 mg/m³ OEL TWA (ppm) 734 ppm OEL STEL (ppm) 1468 ppm Greece - Occupational Exposure Limits 734 mg/m³ OEL TWA 200 ppm OEL TWA 200 ppm OEL STEL (ppm) 204 pg/m³ OEL STEL (ppm) 468 mg/m³ OEL STEL (ppm) 204 mg/m³ OEL STEL (ppm) 204 mg/m³ OEL STEL (ppm) 734 mg/m³ OEL TWA (2] 200 ppm	HTP (OEL STEL) [ppm]	400 ppm	
VME (OEL TWA) [ppm] 400 ppm Germany - Occupational Exposure Limits (TRGS 5000000000000000000000000000000000000	France - Occupational Exposure Limits		
Germany - Occupational Exposure Limits (TRGS 90) AGW (OEL TWA) [1] 730 mg/m³ (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) GEL TWA 200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) GEL TWA 200 mg/m³ OEL TWA 200 mg/m³ OEL TWA [ppm] 734 ppm OEL STEL 000 mg/m³ OEL STEL 000 mg/m³ OEL STEL 000 mg/m³ OEL TWA 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA [ppm] 200 ppm OEL TWA [ppm] 200 ppm OEL TWA [ppm] 400 ppm OEL TWA [ppm] 400 ppm OEL STEL [ppm] 400 ppm Hungar - Occupational Exposure Limits Sonsitzer OEL TWA [1] 148 mg/m³ OEL TWA [1] 148 mg/m³ OEL TWA [1] 148 mg/m³ OEL TWA [2] 00 ppm OEL TWA [1] 040 ppm	VME (OEL TWA)	1400 mg/m ³	
AGW (OEL TWA) [1] 730 mg/m² (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 200 pm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) Gibraltar - Occupational Exposure Limits 200 mg/m² OEL TWA 734 mg/m² OEL TWA [1] <td>VME (OEL TWA) [ppm]</td> <td>400 ppm</td>	VME (OEL TWA) [ppm]	400 ppm	
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 200 mg/m³ OEL TWA 200 mg/m³ OEL TWA 400 mg/m³ OEL STEL 400 mg/m³ OEL STEL [ppm] 1468 ppm Greece - Occupational Exposure Limits 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA [ppm] 200 ppm OEL TWA [ppm] 200 ppm OEL STEL [ppm] 408 mg/m³ OEL STEL [ppm] 548 mg/m³ OEL TWA [OC TWA) 734 mg/m³ OEL TWA [OC TWA] 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA 734 mg/m³ OEL TWA [2] 00 ppm OEL TWA [2] <td>Germany - Occupational Exposure Limits (TRGS 90</td> <td>0)</td>	Germany - Occupational Exposure Limits (TRGS 90	0)	
BGW values are observed) Gibrattar - Occupational Exposure Limits 200 mg/m³ OEL TWA 200 mg/m³ OEL TWA (ppm) 734 ppm OEL STEL 400 mg/m³ OEL STEL (ppm) 1468 ppm Greece - Occupational Exposure Limits 200 ppm OEL TWA 734 mg/m³ OEL TWA (ppm) 200 ppm OEL TWA (ppm) 200 ppm OEL STEL (ppm) 400 ppm OEL STEL (ppm) 1468 mg/m³ OEL STEL (ppm) 400 ppm Hungary - Occupational Exposure Limits 734 mg/m³ K (OEL TWA) 734 mg/m³ OEL STEL (ppm) 4468 mg/m³ OEL Chemical category Sensitizer Ireland - Occupational Exposure Limits 200 ppm OEL TWA [1] 734 mg/m³ OEL STEL (ppm) 400 ppm OEL STEL (ppm) 400 ppm OEL STEL (ppm) 400 ppm OEL TWA [2] 200 ppm OEL STEL (ppm) 400 ppm Character Limits 200 ppm OEL TWA (ppm) 200 ppm </td <td>AGW (OEL TWA) [1]</td> <td></td>	AGW (OEL TWA) [1]		
OEL TWA 200 mg/m³ OEL TWA [ppm] 734 ppm OEL STEL 400 mg/m³ OEL STEL [ppm] 1468 ppm Greece - Occupational Exposure Limits OEL TWA 734 mg/m³ OEL STEL 1468 mg/m³ OEL STEL (ppm] 400 ppm Hungary - Occupational Exposure Limits AK (OEL TWA) 734 mg/m³ OEL chemical category Sensitizer Verland - Occupational Exposure Limits OEL TWA [1] 734 mg/m³ OEL TWA [2] 200 ppm OEL TWA [2] 200 ppm OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Italy - Occupational Exposure Limits OEL TWA [2] 200 ppm OEL STEL [ppm] 400 ppm Italy - Occupational Exposure Limits OEL TWA 734 mg/m³ OEL TWA	AGW (OEL TWA) [2]		
OEL TWA [ppm] 734 ppm OEL TWA [ppm] 734 ppm OEL STEL 400 mg/m³ OEL STEL [ppm] 1468 ppm Greece - Occupational Exposure Limits 200 ppm OEL TWA 734 mg/m³ OEL TWA 1468 mg/m³ OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Hungary - Occupational Exposure Limits 400 ppm K (OEL TWA) 734 mg/m³ OEL chemical category Sensitizer Vector Ital Exposure Limits 1468 mg/m³ OEL TWA [1] 734 mg/m³ OEL TWA [2] 200 ppm OEL STEL [ppm] 400 ppm taly - Occupational Exposure Limits 1468 mg/m³ OEL TWA 734 mg/m³ OEL TWA 200 ppm OEL TWA 1468 mg/m³ OEL TWA 1468 mg/m³ OEL TWA 200 ppm OEL TWA 200 ppm OEL TWA [ppm] </td <td>Gibraltar - Occupational Exposure Limits</td> <td>•</td>	Gibraltar - Occupational Exposure Limits	•	
OEL STEL400 mg/m³OEL STEL (ppm)1468 ppmGreece - Occupational Exposure Limits734 mg/m³OEL TWA734 mg/m³OEL TWA (ppm)200 ppmOEL STEL1468 mg/m³OEL STEL (ppm)400 ppmHungary - Occupational Exposure Limits734 mg/m³K (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL STEL58 msitzerIreland - Occupational Exposure Limits58 msitzerOEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL (ppm)400 ppmItaly - Occupational Exposure Limits148 mg/m³OEL STEL [ppm]200 ppmOEL TWA734 mg/m³OEL TWA1488 mg/m³OEL TWA400 ppmOEL STEL [ppm]400 ppm<	OEL TWA	200 mg/m ³	
OEL STEL [ppm]1468 ppmGreece - Occupational Exposure Limits734 mg/m³OEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL STEL98 spitzerIreland - Occupational Exposure LimitsVector Ireland - Occupational Exposure LimitsOEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [2]200 ppmOEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL STEL [ppm]200 ppmOEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL [ppm]400 ppmOEL TWA [ppm]400 ppmOEL STEL [ppm]400 ppmO	OEL TWA [ppm]	734 ppm	
Orecupational Exposure LimitsOEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure LimitsOEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL STEL [ppm]400 ppmOEL STEL [ppm]200 ppmOEL STEL [ppm]200 ppmOEL STEL [ppm]200 ppmOEL TWA [ppm]200 ppmOEL TWA [ppm]200 ppmOEL TWA [ppm]200 ppmOEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]020 ppmOEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]020 ppmOEL STEL [ppm]400	OEL STEL	400 mg/m ³	
OEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmHungary - Occupational Exposure Limits734 mg/m³AK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m³OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]734 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]00 ppmOEL TWA [ppm]400 ppmOEL TWA [ppm]1468 mg/m³OEL TWA [ppm]00 ppmOEL TWA [ppm]00 ppmOEL TWA [ppm]00 ppmOEL STEL1468 mg/m³OEL TWA [ppm]00 ppmOEL STEL [ppm]400 ppmOEL STEL1468 mg/m³OEL TWA [ppm]00 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]1468 mg/m³OEL STEL [ppm]400 ppmOEL STEL [ppm]500 ppmOEL STEL [ppm]500 ppmOEL STEL [ppm]500 ppmOEL STEL [ppm]<	OEL STEL [ppm]	1468 ppm	
OEL TWA [ppm]200 pmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmHungary - Occupational Exposure Limits734 mg/m³AK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m³OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [2]200 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]200 ppmOEL TWA [2]200 ppmOEL TWA [2]1468 mg/m³OEL STEL [ppm]400 ppmOEL STEL [ppm]200 ppmOEL TWA [ppm]200 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]200 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]200 ppmOEL STEL [ppm]200 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppm	Greece - Occupational Exposure Limits		
OEL STEL1468 mg/m³OEL STEL [ppm]400 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m³OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]200 ppmOEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppm	OEL TWA	734 mg/m³	
OEL STEL [ppm]400 ppmHungary - Occupational Exposure Limits734 mg/m3AK (OEL TWA)734 mg/m3CK (OEL STEL)1468 mg/m3OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m3OEL TWA [1]734 mg/m3OEL TWA [2]200 ppmOEL STEL1468 mg/m3OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL STEL [ppm]200 ppmOEL STEL [ppm]00 ppmOEL STEL [ppm]1468 mg/m3OEL STEL [ppm]00 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]1468 mg/m3OEL STEL [ppm]00 ppm	OEL TWA [ppm]	200 ppm	
Hungary - Occupational Exposure LimitsAK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m³OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA734 mg/m³OEL STEL [ppm]200 ppmOEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL STEL [ppm]200 ppmOEL STEL [ppm]400 ppm	OEL STEL	1468 mg/m ³	
AK (OEL TWA)734 mg/m³CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m³OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA734 mg/m³OEL STEL [ppm]200 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppm	OEL STEL [ppm]	400 ppm	
CK (OEL STEL)1468 mg/m³OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m³OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]200 ppmOEL STEL734 mg/m³OEL TWA [ppm]200 ppmOEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA [ppm]200 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppmOEL STEL [ppm]400 ppm	Hungary - Occupational Exposure Limits		
OEL chemical categorySensitizerIreland - Occupational Exposure Limits734 mg/m3OEL TWA [1]734 mg/m3OEL TWA [2]200 ppmOEL STEL1468 mg/m3OEL STEL [ppm]400 ppmItaly - Occupational Exposure Limits734 mg/m3OEL TWA [ppm]200 ppmOEL STEL1468 mg/m3OEL TWA734 mg/m3OEL STEL1468 mg/m3OEL STEL1468 mg/m3OEL STEL1468 mg/m3OEL STEL [ppm]400 ppmDEL STEL [ppm]400 ppm	AK (OEL TWA)	734 mg/m³	
Ireland - Occupational Exposure LimitsOEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure Limits734 mg/m³OEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL1468 mg/m³OEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppm	CK (OEL STEL)	1468 mg/m ³	
OEL TWA [1]734 mg/m³OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmtaly - Occupational Exposure LimitsOEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL [ppm]1468 mg/m³OEL STEL [ppm]400 ppmDEL STEL [ppm]400 ppm	OEL chemical category	Sensitizer	
OEL TWA [2]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure Limits734 mg/m³OEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmDEL STEL [ppm]400 ppm	Ireland - Occupational Exposure Limits		
OEL STEL1468 mg/m³OEL STEL [ppm]400 ppmItaly - Occupational Exposure LimitsOEL TWA734 mg/m³OEL TWA [ppm]200 ppmOEL STEL1468 mg/m³OEL STEL [ppm]400 ppmLatvia - Occupational Exposure Limits400 ppm	OEL TWA [1]	734 mg/m³	
OEL STEL [ppm] 400 ppm Italy - Occupational Exposure Limits 734 mg/m³ OEL TWA 734 mg/m³ OEL STEL 200 ppm OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Latvia - Occupational Exposure Limits 400 ppm	OEL TWA [2]	200 ppm	
Italy - Occupational Exposure Limits OEL TWA 734 mg/m³ OEL TWA [ppm] 200 ppm OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Latvia - Occupational Exposure Limits 1400 ppm	OEL STEL	1468 mg/m ³	
OEL TWA 734 mg/m³ OEL TWA [ppm] 200 ppm OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Latvia - Occupational Exposure Limits	OEL STEL [ppm]	400 ppm	
OEL TWA [ppm] 200 ppm OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Latvia - Occupational Exposure Limits	Italy - Occupational Exposure Limits		
OEL STEL 1468 mg/m³ OEL STEL [ppm] 400 ppm Latvia - Occupational Exposure Limits	OEL TWA	734 mg/m ³	
OEL STEL [ppm] 400 ppm Latvia - Occupational Exposure Limits	OEL TWA [ppm]	200 ppm	
Latvia - Occupational Exposure Limits	OEL STEL	1468 mg/m ³	
	OEL STEL [ppm]	400 ppm	
OEL TWA 200 mg/m ³	Latvia - Occupational Exposure Limits		
	OEL TWA	200 mg/m ³	
OEL TWA [ppm] 54 ppm	OEL TWA [ppm]	54 ppm	

Safety Data Sheet

Ethyl acetate (141-78-6)	
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	500 mg/m³
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/m³
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/m³
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m ³
OEL STEL [ppm]	400 ppm

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Ethyl acetate (141-78-6)	
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	734 mg/m³
VLA-ED (OEL TWA) [2]	200 ppm
VLA-EC (OEL STEL)	1468 mg/m ³
VLA-EC (OEL STEL) [ppm]	400 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	550 mg/m³
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/m³
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/m³
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/m³
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

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

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

8.2.2.2. Skin protection

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

SECTION 9: Physical and chemical properties

Other information:

Do not eat, drink or smoke during use.

Physical state	: Liquid
Colour	: Standard.
Odour	: characteristic.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
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.	
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 toxicological effects		
Not classified Not classified Not classified		
500 mg/kg		
1500 mg/kg bodyweight		
4000 mg/kg		
4000 mg/kg bodyweight		
500 mg/kg bodyweight		
4000 mg/kg bodyweight		
5470 mg/kg		
> 2000 mg/kg		
5470 mg/kg bodyweight		
Hexamethylindanopyran (1222-05-5)		
> 3250 mg/kg		
> 3250 mg/kg		
Ethyl acetate (141-78-6)		
5620 mg/kg		
> 18000 mg/kg		
4000 ppm/4h		
5620 mg/kg bodyweight		

Safety Data Sheet

Ethyl acetate (141-78-6)	
ATE CLP (gases)	4000 ppmv/4h
Skin corrosion/irritation Additional information Serious eye damage/irritation Additional information Respiratory or skin sensitisation	 Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified
Additional information Germ cell mutagenicity Additional information Carcinogenicity Additional information Reproductive toxicity Additional information STOT-single exposure Additional information	 Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met
Ethyl acetate (141-78-6) STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure Additional information Aspiration hazard Additional information Potential adverse human health effects and symptoms	 Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met

SECTION 12: Ecological information		
12.1. Toxicity		
(acute)	Not classified Harmful to aquatic life with long lasting effects.	
Benzyl benzoate (120-51-4)		
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])	
NOEC (chronic)	0.168 mg/l	
Aldehyde C-16 (77-83-8)		
LC50 - Fish [1]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])	
Hexamethylindanopyran (1222-05-5)		
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682	
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas	
EC50 - Crustacea [2]	260 μg/l REACH Dossier	
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier	
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])	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability		
Pomegranate CC-16083 at 5% in DPG		
Persistence and degradability	Not established.	
Benzyl benzoate (120-51-4)		
Persistence and degradability	May cause long-term adverse effects in the environment.	
12.3. Bioaccumulative potential		
Pomegranate CC-16083 at 5% in DPG		
Bioaccumulative potential	Not established.	
Benzyl benzoate (120-51-4)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
Bioaccumulative potential	Not established.	
Aldehyde C-16 (77-83-8)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C (cis isomer)	
Hexamethylindanopyran (1222-05-5)		
BCF - Fish [1]	(1618 dimensionless (whole body w.w.)	
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)	
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)	
12.4. Mobility in soil		
No additional information available		

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information

: Avoid release to the environment.

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations Ecology - waste materials	Dispose in a safe manner in accordance with local/national regulations.Avoid release to the environment.

SECTION 14: Transport information

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

14.1 UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.2. UN proper shipping name		
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable 	
14.3. Transport hazard class(es)		
ADR Transport hazard class(es) (ADR)	: Not applicable	
IMDG Transport hazard class(es) (IMDG)	: Not applicable	
IATA Transport hazard class(es) (IATA)	: Not applicable	
ADN Transport hazard class(es) (ADN)	: Not applicable	
RID Transport hazard class(es) (RID)	: Not applicable	
14.4. Packing group		
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 	
14.5. Environmental hazards		
Dangerous for the environment Marine pollutant Other information	: No : No : No supplementary information available	
14.6. Special precautions for user		
Overland transport Not applicable		
Transport by sea Not applicable		
Air transport Not applicable		
Inland waterway transport Not applicable		
Rail transport Not applicable		
14.7. Transport in bulk according to Anne	14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	

Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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

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

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

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

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer) Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) 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	ccupational 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

Cermany		
Water hazard class (WGK)	:	WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	:	Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands		
SZW-lijst van kankerverwekkende stoffen	:	None of the components are listed
SZW-lijst van mutagene stoffen	:	None of the components 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		
Classification remarks	:	Emergency management guidelines for the storage of flammable liquids must be followed
Switzerland		
Storage class (LK)	:	LK 10/12 - Liquids
15.2. Chemical safety assessment		

No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

Full text of H- and EUH	f H- and EUH-statements:				
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4 Hazardous to the aquatic environment – Acute Hazard, Category 1 Hazardous to the aquatic environment – Chronic Hazard, Category 1				
Aquatic Acute 1					
Aquatic Chronic 1					

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:				
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2			
EUH208	Contains Aldehyde C-16, Methyl heptine carbonate. May produce an allergic reaction.			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
Flam. Liq. 1	Flammable liquids, Category 1			
H224	Extremely flammable liquid and vapour.			
H302	Harmful if swallowed.			
H317	May cause an allergic skin reaction.			
H319	Causes serious eye irritation.			
H336	May cause drowsiness or dizziness.			
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.			
Skin Sens. 1B	Skin sensitisation, category 1B			
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis			

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.