Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier
Meguiar's Heart Air Freshener, Raspberry, AF1

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

Identified uses
Automotive.

1.3. Details of the supplier of the safety data sheet

Address:	Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone:	+44 (0)870 241 6696
E Mail:	info@meguiars.co.uk
Website:	www.meguiars.co.uk

1.4. Emergency telephone number
+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
CLP REGULATION (EC) No 1272/2008

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

CLASSIFICATION:
Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements
CLP REGULATION (EC) No 1272/2008

HAZARD STATEMENTS:

H412	Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS
General:

P102	Keep out of reach of children.

Disposal:

P501	Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

74% of the mixture consists of components of unknown acute oral toxicity.

Contains 80% of components with unknown hazards to the aquatic environment.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

Ingredient	Identifier(s)	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Undisclosed Non-Hazardous Ingredients	Mixture	70 - 80	Substance not classified as hazardous
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	(CAS-No.) 14901-07-6 (EC-No.) 238-969-9	1 - 10	Substance not classified as hazardous
Diethyl Phthalate	(CAS-No.) 84-66-2 (EC-No.) 201-550-6	1 - 10	Substance with a national occupational exposure limit
2-Butanone, 4-(4-hydroxyphenyl)-	(CAS-No.) 5471-51-2 (EC-No.) 226-806-4	1 - 5	Substance not classified as hazardous
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	(CAS-No.) 4940-11-8 (EC-No.) 225-582-5	1 - 5	Acute Tox. 4, H302
Benzyl Acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7	1 - 5	Aquatic Chronic 3, H412
Benzyl Salicylate	(CAS-No.) 118-58-1 (EC-No.) 204-262-9	< 0.2	Aquatic Acute 1, H400,M=1 Aquatic Chronic 3, H412

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact
No need for first aid is anticipated.

Eye contact
No need for first aid is anticipated.

If swallowed
Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed
No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required
Not applicable.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media
In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

5.2. Special hazards arising from the substance or mixture
Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During combustion.
Carbon dioxide.	During combustion.

5.3. Advice for fire-fighters
Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections
Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities
Store in a well-ventilated place. Keep cool. Store away from heat. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)
See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Diethyl Phthalate	84-66-2	UK HSC	TWA:5 mg/m3;STEL:10 mg/m3	

UK HSC : UK Health and Safety Commission
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

Biological limit values
No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures: Information on recommended monitoring procedures can be obtained from UK HSC

8.2. Exposure controls

8.2.1. Engineering controls
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection
None required.

Skin/hand protection
No chemical protective gloves are required.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Half facepiece or full facepiece air-purifying respirator suitable for particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards
Use a respirator conforming to EN 140 or EN 136: filter type P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Scented article
Colour	Black
Odor	Raspberry
Odour threshold	*No data available.*
Melting point/freezing point	*No data available.*
Boiling point/boiling range	*No data available.*
Flammability (solid, gas)	Not applicable.
Flammable Limits(LEL)	*No data available.*
Flammable Limits(UEL)	*No data available.*
Flash point	> 60 ºC [*Test Method:*Closed Cup]
Autoignition temperature	*No data available.*
Decomposition temperature	*No data available.*
pH	
Kinematic Viscosity	*No data available.*
Water solubility	*No data available.*
Solubility- non-water	*No data available.*
Partition coefficient: n-octanol/water	*No data available.*
Vapour pressure	*No data available.*
Density	*No data available.*
Relative density	*No data available.*
Relative Vapor Density	*No data available.*

9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic Compounds	*No data available.*
Evaporation rate	*No data available.*

SECTION 10: Stability and reactivity

10.1 Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability
Stable.

10.3 Possibility of hazardous reactions
Hazardous polymerisation will not occur.

10.4 Conditions to avoid
Heat.

10.5 Incompatible materials
Alkali and alkaline earth metals.
Strong acids.
Strong oxidising agents.

10.6 Hazardous decomposition products

Substance	Condition
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from internal hazard assessments.

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

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation
Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact
Contact with the skin during product use is not expected to result in significant irritation.

Eye contact
Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion
May be harmful if swallowed.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE2,000 - 5,000 mg/kg
Diethyl Phthalate	Dermal	Rat	LD50 11,200 mg/kg
Diethyl Phthalate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 6.9 mg/l
Diethyl Phthalate	Ingestion	Rat	LD50 8,200 mg/kg
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Dermal	Rabbit	LD50 > 5,000 mg/kg
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	Rat	LD50 1,150 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Diethyl Phthalate	Rabbit	Minimal irritation
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value
Diethyl Phthalate	Rabbit	Mild irritant
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Rabbit	No significant irritation

Skin Sensitisation

Name	Species	Value
Diethyl Phthalate	Human and animal	Not classified

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
Diethyl Phthalate	In Vitro	Some positive data exist, but the data are not sufficient for classification
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	In vivo	Not mutagenic
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Diethyl Phthalate	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Diethyl Phthalate	Ingestion	Not classified for female reproduction	Mouse	NOAEL 1,625 mg/kg/day	2 generation
Diethyl Phthalate	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,625 mg/kg	2 generation
Diethyl Phthalate	Ingestion	Not classified for development	Rat	NOAEL 1,900	during organogenesis

				mg/kg/day	
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	Not classified for female reproduction	Rat	NOAEL 200 mg/kg/day	premating into lactation
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	Not classified for male reproduction	Rat	NOAEL 200 mg/kg/day	15 weeks
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	Not classified for development	Rat	NOAEL 200 mg/kg/day	premating into lactation

Target Organ(s)

Specific Target Organ Toxicity - single exposure
For the component/components, either no data is currently available or the data is not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Diethyl Phthalate	Dermal	skin	Not classified	Rat	NOAEL 855 mg/kg/day	2 years
Diethyl Phthalate	Dermal	liver | kidney and/or bladder	Not classified	Rat	NOAEL 855 mg/kg	2 years
Diethyl Phthalate	Dermal	heart	Not classified	Rat	NOAEL 855 mg/kg/day	2 years
Diethyl Phthalate	Dermal	gastrointestinal tract | nervous system | respiratory system	Not classified	Rat	NOAEL 855 mg/kg	2 years
Diethyl Phthalate	Ingestion	heart	Not classified	Rat	NOAEL 3,710 mg/kg/day	16 weeks
Diethyl Phthalate	Ingestion	nervous system | kidney and/or bladder	Not classified	Rat	NOAEL 3,710 mg/kg	16 weeks
Diethyl Phthalate	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 3,160 mg/kg	6 weeks
Diethyl Phthalate	Ingestion	liver	Not classified	Rat	NOAEL 1,753 mg/kg	3 weeks
Diethyl Phthalate	Ingestion	endocrine system	Not classified	Rat	NOAEL 3,710 mg/kg/day	16 weeks
Diethyl Phthalate	Ingestion	muscles | respiratory system	Not classified	Rat	NOAEL 3,710 mg/kg	16 weeks
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 500 mg/kg/day	90 days
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,000 mg/kg/day	90 days
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	liver	Not classified	Dog	NOAEL 500 mg/kg/day	90 days
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	Ingestion	heart | skin | endocrine system | immune system | muscles | nervous system | eyes | respiratory system | vascular system	Not classified	Rat	NOAEL 1,000 mg/kg/day	90 days

Aspiration Hazard
For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

Material	CAS #	Organism	Type	Exposure	Test endpoint	Test result
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Activated sludge	Estimated	3 hours	EC50	120 mg/l
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Fathead minnow	Estimated	96 hours	LC50	5.1 mg/l
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Green algae	Estimated	72 hours	EC50	22.2 mg/l
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Water flea	Estimated	48 hours	EC50	3.7 mg/l
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Green algae	Estimated	72 hours	EC10	7.1 mg/l
Diethyl Phthalate	84-66-2	Activated sludge	Experimental	30 minutes	EC20	400 mg/l
Diethyl Phthalate	84-66-2	Algae other	Experimental	72 hours	EC50	6.24 mg/l
Diethyl Phthalate	84-66-2	Algae other	Experimental	96 hours	EC50	3 mg/l
Diethyl Phthalate	84-66-2	Bacteria	Experimental	16 hours	NOEC	>=400 mg/l
Diethyl Phthalate	84-66-2	Ciliated protozoa	Experimental		IC50	314 mg/l
Diethyl Phthalate	84-66-2	Mysid Shrimp	Experimental	48 hours	LC50	20.2 mg/l
Diethyl Phthalate	84-66-2	Rainbow trout	Experimental	96 hours	LC50	12 mg/l
Diethyl Phthalate	84-66-2	Water flea	Experimental	48 hours	LC50	52 mg/l
Diethyl Phthalate	84-66-2	Algae other	Experimental	72 hours	EC10	1.02 mg/l
Diethyl Phthalate	84-66-2	Water flea	Experimental	21 days	NOEC	3.8 mg/l
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2	Ciliated protozoa	Experimental	48 hours	IC50	519 mg/l
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2		Data not available or insufficient for classification			N/A
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Green Algae	Experimental	72 hours	EC50	7.2 mg/l
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Rainbow trout	Experimental	96 hours	LC50	>85 mg/l
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Water flea	Experimental	48 hours	EC50	27 mg/l

2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Green Algae	Experimental	72 hours	EC10	1.8 mg/l
Benzyl Acetate	140-11-4	Activated sludge	Experimental	3 hours	EC50	855 mg/l
Benzyl Acetate	140-11-4	Green algae	Experimental	72 hours	EC50	110 mg/l
Benzyl Acetate	140-11-4	Medaka	Experimental	96 hours	LC50	4 mg/l
Benzyl Acetate	140-11-4	Water flea	Experimental	48 hours	EC50	17 mg/l
Benzyl Acetate	140-11-4	Green algae	Experimental	72 hours	NOEC	52 mg/l
Benzyl Acetate	140-11-4	Medaka	Experimental	28 days	NOEC	0.92 mg/l
Benzyl Salicylate	118-58-1	Green Algae	Experimental	72 hours	EC50	1.29 mg/l
Benzyl Salicylate	118-58-1	Water flea	Experimental	48 hours	EC50	1.16 mg/l
Benzyl Salicylate	118-58-1	Zebra Fish	Experimental	96 hours	LC50	1 mg/l
Benzyl Salicylate	118-58-1	Green Algae	Experimental	72 hours	NOEC	0.5 mg/l

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Estimated Photolysis		Photolytic half-life (in air)	2.7 hours (t 1/2)	Non-standard method
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Experimental Biodegradation	28 days	CO2 evolution	73 %CO2 evolution/THCO2 evolution	Non-standard method
Diethyl Phthalate	84-66-2	Experimental Biodegradation	28 days	BOD	88 % BOD/ThBOD	OECD 301C - MITI test (I)
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2	Estimated Biodegradation	28 days	BOD	85 % BOD/ThBOD	OECD 301F - Manometric respirometry
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Experimental Biodegradation	28 days	CO2 evolution	104.4 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
Benzyl Acetate	140-11-4	Experimental Biodegradation	28 days	CO2 evolution	100 % weight	OECD 301B - Modified sturm or CO2
Benzyl Salicylate	118-58-1	Experimental Biodegradation	28 days	BOD	93 % BOD/ThBOD	OECD 301F - Manometric respirometry

12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Experimental Bioconcentration		Log Kow	1.9	Non-standard method
Diethyl Phthalate	84-66-2	Experimental BCF - Bluegill	21 days	Bioaccumulation factor	117	Non-standard method
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2	Experimental Bioconcentration		Log Kow	1.33	Non-standard method
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Experimental Bioconcentration		Log Kow	2.9	Non-standard method
Benzyl Acetate	140-11-4	Experimental Bioconcentration		Log Kow	1.96	Non-standard method
Benzyl Salicylate	118-58-1	Estimated Bioconcentration		Bioaccumulation factor	15.8	Estimated: Bioconcentration factor

12.4. Mobility in soil

Material	Cas No.	Test type	Study Type	Test result	Protocol
3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	14901-07-6	Estimated Mobility in Soil	Koc	150 l/kg	Episuite™
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2	Estimated Mobility in Soil	Koc	220 l/kg	Episuite™
2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE	4940-11-8	Estimated Mobility in Soil	Koc	ERROR: Length cannot be greater than the length of the string.	Episuite™
Benzyl Acetate	140-11-4	Experimental Mobility in Soil	Koc	250 l/kg	OECD 121 Estim. of Koc by HPLC
Benzyl Salicylate	118-58-1	Experimental Mobility in Soil	Koc	5,620 l/kg	OECD 121 Estim. of Koc by HPLC

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Endocrine disrupting properties

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

12.7. Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)
14 06 02* Other halogenated solvents and solvent mixtures

SECTION 14: Transportation information

Not hazardous for transportation.

ADR/IATA/IMDG: Not restricted for transport.

	Ground Transport (ADR)	Air Transport (IATA)	Marine Transport (IMDG)

14.1 UN number	No data available.	No Data Available	No Data Available
14.2 UN proper shipping name	No data available.	No Data Available	No Data Available
14.3 Transport hazard class(es)	No data available.	No Data Available	No Data Available
14.4 Packing group	No data available.	No Data Available	No Data Available
14.5 Environmental hazards	No data available.	No Data Available	No Data Available
14.6 Special precautions for user	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.
14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code	No data available.	No Data Available	No Data Available
Control Temperature	No data available.	No Data Available	No Data Available
Emergency Temperature	No data available.	No Data Available	No Data Available
ADR Tunnel Code	No data available.	Not Applicable	No Data Available
ADR Classification Code	No data available.	No Data Available	No Data Available
ADR Transport Category	No data available.	No Data Available	No Data Available
ADR Multiplier	No data available.	No Data Available	No Data Available
IMDG Segregation Code	No data available.	No Data Available	No Data Available
Transport not Permitted	No data available.	No Data Available	No Data Available

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

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

Carcinogenicity

Ingredient	CAS Nbr	Classification	Regulation
Benzyl Acetate	140-11-4	Gr. 3: Not classifiable	International Agency for Research on Cancer

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

H302	Harmful if swallowed.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Revision information:

EU Section 09: pH information information was added.
Section 1: Address information was modified.
Company Telephone information was modified.
Section 1: E-mail address information was modified.
Section 1: Emergency telephone information was modified.
Section 03: Composition table % Column heading information was added.
Section 3: Composition/ Information of ingredients table information was modified.
Section 03: Substance not applicable information was added.
Section 04: Information on toxicological effects information was modified.
Section 5: Hazardous combustion products table information was modified.
Section 09: Color information was added.
Section 9: Evaporation Rate information information was deleted.
Section 9: Explosive properties information information was deleted.
Section 9: Flash point information information was modified.
Section 09: Kinematic Viscosity information information was added.
Section 9: Melting point information information was modified.
Section 09: Odor information was added.
Sections 3 and 9: Odour, colour, grade information information was deleted.
Section 9: Oxidising properties information information was deleted.
Section 9: pH information information was deleted.
Section 9: Property description for optional properties information was modified.
Section 9: Vapour density value information was added.
Section 9: Vapour density value information was deleted.
Section 9: Viscosity information information was deleted.
Section 11: Classification disclaimer information was modified.
Section 11: No endocrine disruptor information available warning information was added.
Section 11: Reproductive and/or Developmental Effects text information was deleted.
Section 12: 12.6. Endocrine Disrupting Properties information was added.
Section 12: 12.7. Other adverse effects information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Contact manufacturer for more detail. information was deleted.
Section 12: Mobility in soil information information was added.
Section 12: No endocrine disruptor information available warning information was added.
Section 12: Persistence and Degradability information information was modified.

Section 12:Bioccumulative potential information information was modified.
Section 13: European waste code disclaimer information was modified.
Section 14 Classification Code – Main Heading information was added.
Section 14 Classification Code – Regulation Data information was added.
Section 14 Control Temperature – Main Heading information was added.
Section 14 Control Temperature – Regulation Data information was added.
Section 14 Disclaimer Information information was added.
Section 14 Emergency Temperature – Main Heading information was added.
Section 14 Emergency Temperature – Regulation Data information was added.
Section 14 Hazard Class + Sub Risk – Main Heading information was added.
Section 14 Hazard Class + Sub Risk – Regulation Data information was added.
Section 14 Hazardous/Not Hazardous for Transportation information was added.
Section 14 Multiplier – Main Heading information was added.
Section 14 Multiplier – Regulation Data information was added.
Section 14 Other Dangerous Goods – Main Heading information was added.
Section 14 Other Dangerous Goods – Regulation Data information was added.
Section 14 Packing Group – Main Heading information was added.
Section 14 Packing Group – Regulation Data information was added.
Section 14 Proper Shipping Name information was added.
Section 14 Regulations – Main Headings information was added.
Section 14 Segregation – Regulation Data information was added.
Section 14 Segregation Code – Main Heading information was added.
Section 14 Special Precautions – Main Heading information was added.
Section 14 Special Precautions – Regulation Data information was added.
Section 14 Transport Category – Main Heading information was added.
Section 14 Transport Category – Regulation Data information was added.
Section 14 Transport in bulk – Regulation Data information was added.
Section 14 Transport in bulk according to Annex II of Marpol and the IBC Code – Main Heading information was added.
Section 14 Transport Not Permitted – Main Heading information was added.
Section 14 Transport Not Permitted – Regulation Data information was added.
Section 14 Tunnel Code – Main Heading information was added.
Section 14 Tunnel Code – Regulation Data information was added.
Section 14 UN Number Column data information was added.
Section 14 UN Number information was added.
Section 15: Regulations - Inventories information was deleted.
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.
Sectio 16: UK disclaimer information was deleted.
Section 16: Web address information was modified.

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