



BENZYL ACETATE
BATCH NUMBER: 4466308

CAS#: 140-11-4

FEMA#: 2135

PRODUCT IDENTIFICATION

PRODUCT NAME	BENZYL ACETAT
MOLECULAR FORM	C9H10O2
MOLECULAR WT	150.18
MELTING POINT (C)	-52 deg C
BOILING POINT (C)	
FLASH POINT (F)	216 deg F
BEST BEFORE DATE@	April 2025

PHYSICAL SPECIFICATIONS	RANGE	RESULTS
APPEARANCE	COLORLESS LIQUID	CONFORMS
ODOR	SWEET, FLORAL, FRESH AND LIGHT FRUITY ODOR, REMINISCENT OF JASMIN	CONFORMS
SPECIFIC GRAVITY (25C)	1.0520 to 1.0560	1.0541
REFRACTIVE INDEX (20C)	1.5010 to 1.5040	1.5021
SOLUBILITY	SOLUBLE IN ALCOHOL, OILS, PG; INSOLUBLE N GLYCERINE, WATER	

ANALYTICAL SPECIFICATIONS	RANGE	RESULTS
PURITY (BY GC)	98.0 % MINIMUM	99.92%

OTHER SPECIFICATIONS	RANGE	RESULTS
SOLUBILITY IN ALCOHOL	1 ML IN 5 ML OF 60 % ALCOHOL	CONFORMS
ACID VALUE	1.0 MAXIMUM	0.3
CHLORINATED COMPOUNDS	PASSES TEST	

STABILITY

STABLE UNDER NORMAL CONDITIONS

STORAGE

STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT.
SHELF LIFE CONSIDERATIONS APPLY ONLY FOR ORIGINAL UNOPENED CONTAINERS

CERTIFICATE OF ANALYSIS

Date Revised: 07/07/2016



**DECLARATION of COMMON FOOD ALLERGENS in
ACCORDANCE with the EU and USA LEGISLATION**

We hereby certify that the below named ingredient contains the following allergic or sensitizing components as indicated on the chart below. It is also indicated if the named ingredient is produced on shared equipment with other allergens or sensitizers.

BENZYL ACETATE

Allergic Food Source or it's Derivative	Does this Ingredient Contain any Foods Listed in Column 1	Provide the Specific Food (Ex. Soy, lecithin, peanut extract, fish gelatin, etc.)	Is this Ingredient on Shared Equipment with other Products Containing Foods from Column (1)	Is the risk of cross contamination controlled?
	Yes / No	Common or Unusual Name	Yes / No	Yes / No
Cereals containing gluten and products thereof	NO		NO	YES
Soybeans and products thereof	NO		NO	YES
Peanuts and products thereof	NO		NO	YES
Tree nuts and products thereof	NO		NO	YES
Celery and products thereof	NO		NO	YES
Beef and products thereof	NO		NO	YES
Chicken and products thereof	NO		NO	YES
Pork and products thereof	NO		NO	YES
Gelatin and products thereof	NO		NO	YES

Date of issue: 03/02/2023



Apple and products thereof	NO		NO	YES
Kiwi and products thereof	NO		NO	YES
Orange and products thereof	NO		NO	YES
Peach and products thereof	NO		NO	YES
Banana and products thereof	NO		NO	YES
Matsutake Mushroom and products thereof	NO		NO	YES
Yam and products thereof	NO		NO	YES
Mustard and products thereof	NO		NO	YES
Sesame seeds and products thereof	NO		NO	YES
Crustaceans, shellfish and products thereof	NO		NO	YES
Mollusks and products thereof	NO		NO	YES
Milk and products thereof	NO		NO	YES
Eggs and products thereof	NO		NO	YES
Fish and products thereof	NO		NO	YES
Lupin and products thereof	NO		NO	YES
Sulfur dioxide and sulfites at concentrations of more than 10ppm expressed as SO ₂	NO		NO	YES
Tartrazine (Yellow #5)	NO		NO	YES

Date of issue: 03/02/2023



CMR DECLARATION

We hereby certify that:

BENZYL ACETATE

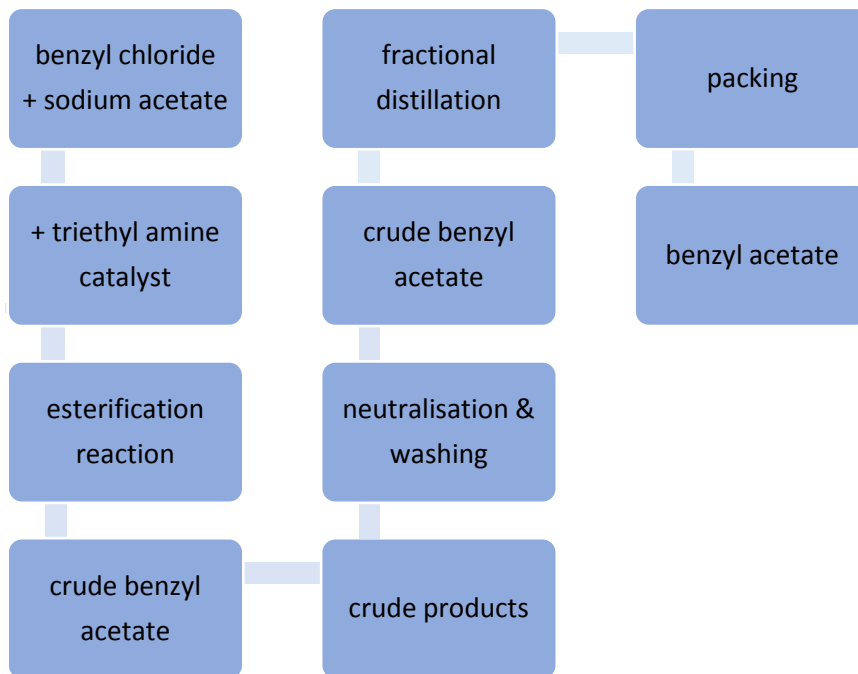
contains the following components listed as carcinogenic, mutagenic or toxic for reproduction in Annex VI Part 3 of Regulation (EC) 1272/2008

Substance	Content	Classification
<i>None</i>		

Date of issue: 06/03/2023

PROCESS FLOW CHART

BENZYL ACETATEX



We hereby certify that the products has no added antioxidants, diluents, colorants or preservatives.

Date of issue: 06/03/2023



GMO STATEMENT

We hereby certify that:

BENZYL ACETATE

to the best of its knowledge does not derive from a genetically modified source (GMO) as specified in Regulation (EC) No 1829/2003 nor have GMO materials been used in its manufacture or as additives.

It requires no special labelling or traceability with regards to GMO as outlined in Regulation (EC) No 1830/2003.

It also adheres to the procedures outlined in Regulation (EU) 848/2018 article 11 (4) regarding organic production and is neither produced from or by GMOs.

Date of issue: 03/02/2023

IFRA CERTIFICATE

BENZYL ACETATE

We hereby certify that the above material complies with the requirements of the INTERNATIONAL FRAGRANCE ASSOCIATION - IFRA-50th Amendment / published June 30th 2021) provided it is used in following application (class) at a maximum concentration level of:

IFRA category	Maximum level of use (%)
Class 1	45.0%
Class 2	14.0%
Class 3	34.0%
Class 4	Not restricted
Class 5A	64.0%
Class 5B	17.0%
Class 5C	34.0%
Class 5D	5.7%
Class 6	Not restricted
Class 7A	68.0%
Class 7B	68.0%
Class 8	5.7%
Class 9	Not restricted
Class 10A	Not restricted
Class 10B	Not restricted
Class 11A	5.7%
Class 11B	5.7%
Class 12	Not restricted

The above values were calculated based on the following IFRA restricted materials: <benzyl alcohol - 1% max>



It is the ultimate responsibility of our customer to ensure the safety of the final product by further testing if need be. Evaluation of the Fragrance ingredient was made according to the safety requirements contained in the relevant section of the IFRA Code of Practice.

IFRA category includes	IFRA category
Children's toys, Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured etc...) (****)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...), Body sprays (including body mist)	Class 2
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer; Facial make up and foundation; Make-up remover for face and eyes; Nose pore strips; Wipes or refreshing tissues for face, neck, hands, body; Body and face paint (for children and adults); Facial masks for face and around the eyes	Class 3
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragancing cream, aftershaves of all types, etc.); Fragranced bracelets; Ingredients of perfume kits and fragrance mixtures for cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products	Class 4
Body creams, oils, lotions of all types; Foot care products (creams and powders); Insect repellent (intended to be applied to the skin); All powders and talc (excluding baby powders and talc)	Class 5A
Facial toner; Facial moisturizers and creams	Class 5B
Hand cream; Nail care products including cuticle creams, etc.	Class 5C
Baby cream/lotion, baby oil, baby powders and talc	Class 5D
Mouthwash, including breath sprays; Toothpaste; Toothpowder, strips, mouthwash tablets (****)	Class 6
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	Class 7A
Hair sprays of all types (pumps, aerosol sprays, etc.); Hair styling aids non sprays (mousse, gels, leave-on conditioners); Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer	Class 7B
Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)	Class 8
Bar Soap; Shampoo off all type; Cleanser for face (rinse off); Conditioner (rinse off); Liquid Soap; Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Foot care products (feet are placed in a bath for soaking); Shaving creams of all types (stick, gels, foams, etc.); All depilatories (including facial) and waxes for mechanical hair removal; Shampoos for pets	Class 9
Hand wash laundry detergent (including concentrates); Laundry pre-treatment of all types (e.g. paste, sprays, sticks); Hand dishwashing detergent (including concentrates); Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates; Dry cleaning kits; Toilet seat wipes; Fabric softeners of all types including fabric softener sheets; Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners,	Class 10A



furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc; Ironing water (Odorized distilled water)	
Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides	Class 10B
Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry);	Class 11A
Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)	Class 11B
Candles of all types (including encased); Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals); Air delivery systems; Cat Litter; Cell phone cases; Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Fuels; Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers – for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)	Class 12

(***) Fragrance materials for use in these applications need also FEMA-GRAS conformity.

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Product code
RMBENZACET
Product name BENZYL
ACETATE

Issuing Date 03-Feb-2023

Revision date 03-Feb-2023

Version 7

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

1.1. Product identifier

Product code	RMBENZACET
Product name	BENZYL ACETATE
REACH registration number EC No (EU Index No)	01-2119638272-42-0003 205-399-7
CAS No	140-11-4
Chemical Name	Phenylmethyl acetate
Pure substance/mixture	Substance
Formula	C9H10O2
Molecular weight	150.18

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

Recommended Use	Industry Use
Uses advised against	No information available

1.3. Details of the supplier of the safety data sheet

Supplier
19 - 20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA
Tel: (+44) 1425 655 555
For further information, please contact

Contact Point	Sarah Neave
E-mail address	technical@madarcorporation.co.uk
Non-Emergency Telephone Number	+44 (0)1425 655 555

1.4. Emergency telephone number

Emergency telephone	CHEMTREC
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Emergency telephone - +1-703-741-5970

Europe

CCN# 17256

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

Chronic aquatic toxicity

Category 3 - (H412)

2.2. Label elements**Signal word**

Warning

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P273 - Avoid release to the environment

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

2.3. Other hazards

Toxic to aquatic life.

SECTION 3: Composition/information on ingredients**3.1 Substances****Chemical nature**

Aromatic ester.

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Benzyl acetate 140-11-4	NF	No data available	-	Acute Tox. 5 (H303) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412)	-	-	-

Full text of H- and EUH-phrases: see section 16Acute Toxicity Estimate

No information available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Rinse mouth.

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

Symptoms No information available.

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

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available.

Hazardous combustion products Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)	Workers.
dermal	2.5 mg/kg bw/day
Inhalation	9 mg/m ³
Derived No Effect Level (DNEL)	General Population.
oral	1.3 mg/kg bw/day
dermal	1.3 mg/kg bw/day
Inhalation	2.2 mg/m ³
Predicted No Effect Concentration (PNEC)	
Fresh Water	0.018 mg/L
Sea Water	0.002 mg/L
Sea sediment	0.053 mg/kg sediment dw
Soil	0.094 mg/kg soil dw
Impact on Sewage Treatment	8.55 mg/L

8.2. Exposure controls

Engineering controls No information available.

Personal Protective Equipment

Eye/face protection No special protective equipment required.

Skin and body protection	Avoid contact with skin.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Colorless to very pale yellow
Odor	Characteristic odor.
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Flash Point	102 °C	CC (closed cup)
Autoignition Temperature	No data available	
Decomposition temperature		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	No data available	None known
solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapor pressure	No data available	None known
Relative density	1.0520 - 1.0560	(25°C)
Bulk Density	No data available	
Density	No data available	
Vapor Density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

Molecular weight	150.18
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9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No information available.
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10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None known based on information supplied.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure****Product Information**

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity**Numerical measures of toxicity****Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl acetate	1 Mouse > 2000 mg/kg Female, Male 2 (reliable with restrictions) 2 +/- Rat 2490 mg/kg Female, Male 2 (reliable with restrictions) 3 Rat > 2000 mg/kg Female, Male 2 (reliable with restrictions)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards**11.2.1. Endocrine disrupting properties**

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information**12.1. Toxicity**

Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability Readily biodegradable.

12.3. Bioaccumulative potential**Bioaccumulation**

Bioconcentration factor (BCF) 8

Component Information

Chemical name	Partition coefficient
Benzyl acetate	1.96

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6. Other adverse effects

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazard Not applicable
 14.6 Special precautions for user
 Special Provisions None

IMDG

14.1 UN number or ID number Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazard Not applicable
 14.6 Special precautions for user
 Special Provisions None
 14.7 Maritime transport in bulk according to IMO instruments No information available

RID

14.1 UN/ID no Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazard Not applicable
 14.6 Special precautions for user
 Special Provisions None

ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information

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

National regulations

Germany

Water hazard class (WGK) obviously hazardous to water (WGK 2)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AICS	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H303 - May be harmful if swallowed

H401 - Toxic to aquatic life

H412 - Harmful to aquatic life with long lasting effects

Legend

SVHCL

LEG8 SECTION 8: Exposure controls/personal protection

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

*

Skin designation

+ Sensitizers

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 03-Feb-2023

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

This material has not been tested or proven safe for inhalation. With this document, Tilley Distribution only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application.

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

Classification and labeling according to the IFRA/IOFI Labeling Manual 2022.

End of Safety Data Sheet



RMBENZACET
CAS#: 140-11-4

BENZYL ACETATE

FEMA#: 2135

PRODUCT SPECIFICATION

PRODUCT IDENTIFICATION

PRODUCT NAME	BENZYL ACETATE
MOLECULAR FORM	C9 H10 O2
MOLECULAR WT	150.18
MELTING POINT (C)	-52 deg C
BOILING POINT (C)	216 deg C
FLASH POINT (F)	212 deg F
SHELF LIFE (DAYS)	730

PHYSICAL SPECIFICATIONS	RANGE	METHOD
APPEARANCE	COLORLESS TO VERY PALE YELLOW LIQUID	VISUAL
ODOR	SWEET, FLORAL, FRESH AND LIGHT, FRUITY ODOR, REMINISCENT OF JASMIN	ORGANOLEPTIC
SPECIFIC GRAVITY (25C)	1.0520 to 1.0560	FCC METHOD
REFRACTIVE INDEX (20C)	1.5010 to 1.5040	FCC METHOD
SOLUBILITY	SOLUBLE IN ALCOHOL, OILS, PG; INSOLUBLE IN GLYCERINE, WATER	FCC METHOD

ANALYTICAL SPECIFICATIONS	RANGE	METHOD
PURITY (BY GC)	98.0% MIN	QC_30.M

OTHER SPECIFICATIONS	RANGE	METHOD
SOLUBILITY IN ALCOHOL	1ML IN 5ML OF 60% ALCOHOL	FCC METHOD
ACID VALUE	1.0 MAX	FCC METHOD
CHLORINATED COMPOUNDS	PASSES TEST	FCC METHOD

STABILITY

STABLE UNDER NORMAL CONDITIONS

STORAGE

STORE IN COOL DRY PLACE AWAY FROM HEAT AND SUNLIGHT.
SHELF LIFE CONSIDERATIONS APPLY ONLY FOR ORIGINAL UNOPENED CONTAINERS



DIETS DECLARATION

We hereby certify that:

BENZYL ACETATE

To the best of our knowledge is suitable for:

	Yes	No
Ovo-lacto Vegetarians	✓	
Vegetarians	✓	
Vegans	✓	
Coeliacs	✓	
Kosher	✓	
Halal	✓ (Not certified)	

Date of issue: 06/03/2023