

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name	Benzyl Benzoate, Natural
Product Number	0213800
CAS-No.	120-51-4

1.2 Product Recommended Use

Flavorings

1.3 Preparation Information

Company	Aurochemicals 7 Nicoll Street Washingtonville, NY 10992 - USA
Telephone	845-496-6065
Fax	845-496-6248

1.4 Emergency Telephone Number

1-800-535-5053
International - 1-352-323-3500 collect

Section 2: HAZARD(s) IDENTIFICATION

2.1 Classification of substance or mixture

OSHA Hazards	Harmful by ingestion
--------------	----------------------

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Acute toxicity, Oral (Category 4) Acute toxicity, Dermal (Category 4) Acute aquatic toxicity (Category 2) Chronic aquatic toxicity (Category 2)
--	--

2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement

Warning

Hazard Statement(s)

H302	Harmful if swallowed
H313	May be harmful in contact with skin
H411	Toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.

- P273 Avoid release into the environment
 P301+P312 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician if you feel unwell
 P330 Rinse mouth
 P391 Collect spillage
 P501 Dispose of contents/container to an approved waste disposal plant
 None

2.3 HNOC (Hazards not otherwise classified or not covered by GHS)

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Chemical characterization	Natural Product
Synonyms	Benzoic acid benzyl ester Benzyl Benzene Carboxylate
Formula	C ₁₄ H ₁₂ O ₂
Molecular Weight	212.24 g/mol
CAS-No	120-51-4
EC-No.	204-402-9
Index No.	607-085-00-9

Component	Classification	Concentration
Benzyl Benzoate	Acute toxicity, Oral (Category 4) Acute toxicity, Dermal (Category 4) Acute aquatic toxicity (Category 2) Chronic aquatic toxicity (Category 2)	<= 100%

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Inhalation	Provide fresh air; keep at rest and at a comfortable position to breathe. Consult a physician
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with mild soap and warm water. Consult a physician
Contact with eyes:	Rinse thoroughly with plenty of water for at least 15 as a precaution.
Ingestion	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Clothing contamination:	Remove contaminated clothing and wash before reuse.

4.2 Most important symptoms and effects both acute and delayed

See section 2.2 and or section 11

4.3 Indication of any immediate medical

No data available

attention and special treatment needed.

Section 5: FIREFIGHTING MEASURES

- | | | |
|--|------------------------------|--|
| 5.1 Extinguishing Media | Suitable Extinguishing Media | Use water spray, alcohol resistant foam, dry chemical or carbon dioxide |
| 5.2 Special hazards arising from the substance or mixture | | Carbon oxides |
| 5.3 Advice for fire fighters | | Wear self contained breathing apparatus for firefighting if necessary. Emits toxic fumes under fire conditions |
| 5.4 Further information | | Not flammable or combustible
Use water spray to cool unopened containers. |

Section 6: ACCIDENTAL RELEASE MEASURES

- | | | |
|--|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | | Use personal protective equipment. Avoid breathing vapors. Mist or gas. Ensure adequate ventilation. |
| 6.2 Environment precautions | | Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system. Discharge into the environment must be avoided. |
| 6.3 Methods and materials for containment and clean up | | Soak up with absorbent material. Sweep up with broom and shovel. Place in a suitable, closed container for disposal. |
| 6.4 Specific end use(s) | | Apart from the uses mentioned in section 1.2, no other specific uses are stipulated. |

Section 7: HANDLING AND STORAGE

- | | | |
|--|--|---|
| 7.1 Precautions for safe handling | | Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. |
| 7.2 Conditions for Safe storage | | Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. |
| 7.3 Specific End use(s) | | Flavorings |

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- | | | |
|-------------------------------|--|---|
| 8.1 Control parameters | Components with workplace control parameters | Contains no substance with workplace control parameters |
|-------------------------------|--|---|

8.2 Exposure Controls

Appropriate Engineering Controls

Handle in accordance with good industrial hygiene and safety practices. Wash hands after handling this product, before eating and at the end of the work day.

Personal protective equipment

These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario.

Eye/face protection Wear appropriate face shield and safety glasses, NIOSH tested and approved.

Skin protection Wear chemically resistant, Nitrile rubber gloves, 0.11mm. Use proper glove removal techniques (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash and dry hands.

Body protection Impervious clothing protecting against chemicals, made of flame retardant antistatic material should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CN (EU).

Control of environmental exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | | |
|---|-------------------------------|--|
| a | Appearance | Colorless, oily liquid |
| b | Odor | Light balsamic odor, reminiscent of almond |
| c | Odor Threshold | No data available |
| d | pH | No data available |
| e | Melting Point /Freezing Point | 17-20°C -lit |
| f | Boiling Point | 323-324°C |
| g | Flash Point | 110°C closed cup |

h	Evaporation Rate	No data available
i	Flammability (Solid, Gas)	No data available
j	Upper/lower Flammability Limit	No data available
k	Vapor pressure	1 hPa at 125°C
l	Vapor density	No data available
m	Relative density at 25°C	1.116-1.125
n	Solubility in water	Insoluble in water, soluble in most organic solvents
o	Partition coefficient: n-octanol/water	log Pow: 4
p	Ignition temperature.	480°C
q	Decomposition Temp,	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available
9.2	Other Safety Information	No data available

Section 10: STABILITY AND REACTIVITY

10.1	Reactivity	No data available
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of Hazardous reactions	No data available
10.4	Conditions to avoid	Heat, Flames and sparks
10.5	Incompatible materials	Strong oxidizing agents
10.6	Hazardous decomposition products	Formed under fire conditions – Carbon Oxides
10.7	Further Information	No data available

Section 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute Toxicity	
	LD50-Oral-Rat	1,680 mg/kg

LC50-Inhalation	No data available
LD50-Dermal-Rabbit	4,000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ Cell mutagenicity	No data available
Carcinogenicity	<p>IARC No component of this product, present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p>ACGIH No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.</p> <p>NTP No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.</p> <p>OSHA No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</p>
Reproductive toxicity	No data available
Teratogenicity	No data available
Specific target organ toxicity-single exposure (GHS)	No data available
Specific target organ toxicity-repeated exposures (GHS)	No data available
Aspiration Hazards	No data available
Potential Health effects	<p><u>Inhalation</u> – May be harmful if inhaled. May cause respiratory tract irritation</p> <p><u>Ingestion</u> – Harmful if swallowed</p> <p><u>Skin</u> – Harmful if absorbed through skin. May cause skin irritation</p> <p><u>Eyes</u> – May cause eye irritation.</p>
Signs and Symptoms of Exposure	Cardiovascular effects; muscle cramps / spasms. Ataxia
Synergistic effect	No data available
RTECS:	DG4200000

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity No data available

12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required / not conducted
12.6 Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

Section 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods	
Product:	According to local regulations
Packaging	According to local regulations

Section 14: TRANSPORT INFORMATION

DOT (US) Proper shipping name:	UN Number 3082 Class 9, Packing Group III Environmentally Hazardous Substance, Liquid, N.O.S. (Benzyl Benzoate)
IMDG Proper shipping name: Marine Pollutant	UN Number 3082 Class 9, Packing Group III Environmentally Hazardous Substance, Liquid, N.O.S. (Benzyl Benzoate) Yes
IATA Proper shipping name:	UN Number 3082 Class 9, Packing Group III Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate)
Further Information:	EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packaging and combination packagings containing inner packagings with Dangerous Goods: >5L for liquids or >5kgs for solids

Section 15: REGULATORY INFORMATION

Reach No.	A registration number is not available for this substance as its uses are exempted from registration, the annual tonnage not require a registration or the registration is envisaged for a later registration deadline.
OSHA Hazards	Harmful by ingestion
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	Acute health hazard

Safety Data Sheet



Massachusetts Right to Know components

No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know components

Benzyl Benzoate CAS# 120-51-4 Rev. Date:

New Jersey Right to Know components

Benzyl Benzoate CAS# 120-51-4 Rev. Date

California Prop. 65 components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Aurochemicals

Section 16: OTHER INFORMATION

HMIS Rating

Health hazard 1
Chronic Health Hazard
Flammability 1
Reactive Hazard 0

Further Information

Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

Issued by:	Contact Person:
Aurochemicals	Deo N. Persaud
7 Nicoll Street	Revised Date: 8/7/2022
Washingtonville, NY 10992 USA	