

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product Name	<b>Benzyl Salicylate, Natural</b>
Product Number	<b>0215100</b>
CAS-No.	<b>118-58-1</b>

### 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

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Eye irritation (Category 2A), H319 Skin sensitisation (Category 1) H317 Specific target organ toxicity-single exposure (Category 2) H371 Acute aquatic toxicity (Category 2) H401
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### 2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement  
Hazard Statement(s)

**Warning**

H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H371	May cause damage to organs
H401	Toxic to Aquatic life

Precautionary Statement(s)

P260	Do not breathe dust/fume/gas/vapors/spray
P264	Wash skin thoroughly after handling
P270	Do not eat, drink or smoke when handling this product
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

P280	Wear protective gloves/eye protection/face protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+P311	If exposed or if you feel unwell. Call a POISON CENTER or doctor/physician
P333+P313	If skin irritation or rash occurs. Get medical advice/attention
P337+P313	If eye irritation persists. Get medical advice/attention
P363	Wash contaminated clothing before reuse
P405	Store locked up
P501	Dispose of contents/container to an approved waste disposal plant.

2.3 **HNOC (Hazards not otherwise classified or not covered by GHS)** None

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

Chemical characterization Natural Product  
Synonyms Benzyl 2-hydroxybenzoate

Formula  $C_{14}H_{12}O_3$   
Molecular Weight 228.24 g/mol  
CAS-No 118-58-1  
EC-No. 204-262-9

#### Hazardous Components

Component	Classification	Concentration
Benzyl salicylate	Skin sensitisation (1) H317 Eye irritant (2A), H319 STOT SE (2), H371 Aquatic Acute Toxicity (2) H401	-

### 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. Consult a physician.
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** See section 2.2 and or section 11

both acute and delayed

- 4.3 **Indication of any immediate medical attention and special treatment needed.** No data available

## 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** No data available

## Section 6: ACCIDENTIAL RELEASE MEASURES

- 6.1 **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment. Avoid breathing vapors. Mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
- 6.2 **Environment precautions** Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system.
- 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.  
  
Recommended storage temperature 2-8°C  
Handle and store under inert gas.  
Air and moisture sensitive
- 7.3 **Specific End use(s)** Flavorings

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**  
Components 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 before breaks and at the end of the day.
<b>Personal protective equipment</b>	<b>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</b>
Eye/face protection	Wear appropriate safety glasses with side shields and face shield. 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. Discharge into the environment must be avoided.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a Appearance	Almost colorless liquid
b Odor	Faint sweet
c Odor Threshold	No data available
d pH	No data available
e Melting Point /Freezing Point	No data available
f Boiling Point	206°C
g Flash Point	>110°C
h Evaporation Rate	No data available
i Flammability (Solid, Gas)	No data available

j	Upper/lower Flammability Limit	No data available
k	Vapor pressure	No data available
l	Vapor density	No data available
m	Relative density at 25°C	1.176-1.187
n	Solubility	Insoluble in water; soluble in most organic solvents
o	Partition coefficient: n-octanol/water	Log Pow: 4.0 at 35°C
p	Auto-ignition Temp.	No data available
q	Decomposition Temp,	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available
<b>9.2</b>	<b>Other Safety Information</b>	No data available

## Section 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	No data available
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of Hazardous reactions</b>	No data available
<b>10.4</b>	<b>Conditions to avoid</b>	No data available
<b>10.5</b>	<b>Incompatible materials</b>	Strong Oxidizing agents
<b>10.6</b>	<b>Hazardous decomposition products</b>	No data available
<b>10.7</b>	<b>Further Information</b>	No data available

## Section 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b>Information on toxicological effects</b>	
	<b>Acute Toxicity</b>	
	LD50-Oral-Rat	2,227 mg/kg
	LC50-Inhalation	No data available
	LD50-Dermal	No data available
	Skin corrosion/irritation	Rabbit: No skin irritation (OECD Test Guideline 404)
	Serious eye damage/eye irritation	Eyes- in vitro study Result: Moderate eye irritation (OECD Test Guideline 437) Eyes: Rabbit – irritating to eyes (Draize test)
	Respiratory or skin sensitization	Mouse – in vivo assay

Result: May cause allergic skin reaction (OECD Test Guideline 429)

Germ Cell mutagenicity

No data available

Carcinogenicity

- IARC No component of this product, present levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- 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.
- 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.
- 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.

Reproductive toxicity  
Teratogenicity

No data available  
No data available

Specific target organ toxicity-single exposure (GHS)

Oral – The substance or mixture is classified as a specific target organ toxicant, single exposure Category 2 – Spleen.

Specific target organ toxicity-repeated exposures (GHS)  
Aspiration Hazards  
Potential Health effects  
Signs and Symptoms of Exposure

No data available  
No data available  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effect

No data available

RTECS:

VO1750000

## Section 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity To Fish** LC50-Danio rerio (zebra fish) 1.03 mg/l 96 h
- 12.2 Persistence and degradability**  
Biodegradability Results: Readily biodegradable
- 12.3 Bioaccumulative potential** Does not significantly accumulate in organisms
- 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.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1 Disposal methods

Product: According to local regulations  
Packaging: According to local regulations

## Section 14: TRANSPORT INFORMATION

DOT (US) Not dangerous goods  
IMDG Not dangerous goods  
IATA Not dangerous goods

## 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 does not require a registration or the registration is envisaged for a later registration deadline.

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

Massachusetts Right to Know components No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know components Benzyl salicylate CAS# 118-58-1 Rev. Date:

New Jersey Right to Know components Benzyl salicylate CAS# 118-58-1 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.

## Section 16: OTHER INFORMATION

### HMIS Rating

Health hazard 2  
Chronic Health Hazard  
Flammability 0  
Physical Hazard 0

### Further Information

# Safety Data Sheet

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.

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