

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name	Benzyl Alcohol, Natural
Product Number	0213700
CAS-No.	100-51-6

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)	OSHA HAZARDS: Target organ effect, Harmful by ingestion, Harmful by skin absorption; Irritant
--	---

Acute toxicity, Oral (Category 4)
Acute Toxicity, Inhalation (Category 4)
Acute Toxicity, Dermal (Category 4)
Skin irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Acute aquatic toxicity (Category 2)
Hazardous to the aquatic environment, acute hazard (Category 2)
Hazardous to the aquatic environment, long term hazard (Category 2)

2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement
Hazard Statement(s)

Warning

H302+H312+H332	Harmful if swallowed or in contact with skin or if inhaled
H315	Causes skin irritation
H319	Causes serious eye irritation.
H332	Harmful if inhaled
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P261	Avoid breathing dust/ fume/gas/mist/vapors/spray
P264	Wash skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well ventilated area
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at a position comfortable for breathing.
P330	Rinse mouth
P332+P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P391	Collect spillage.
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	Benzenemethanol
Formula	C ₇ H ₈ O
Molecular Weight	108.14 g/mol
CAS-No	100-51-6
EC-No.	202-859-9
Index No.	603-057-00-5

Hazardous Components

Component	Classification	Concentration
Benzyl alcohol	Acute toxicity, Oral (4) Acute toxicity, Inhalation (4) Acute toxicity, Dermal (4) Skin irritation (2) Acute aquatic toxicity (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. 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 both acute and delayed	See section 2.2 and or section 11
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	Use water spray to cool unopened containers. Not flammable or combustible

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. 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. Hygroscopic
7.3 Specific End use(s)	Flavorings

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS -No.	Value	Control Parameters	Basis
Benzyl Alcohol	100-51-6	TWA	10 ppm	USA. Workplace Environmental Exposure Levels (WEEL)

8.2 Exposure Controls

Appropriate Engineering Controls

Handle in accordance with good industrial hygiene and safety practices.
Mechanical exhaust required, Safety Shower and Eye Bath

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, Butyl rubber gloves, 3mm. 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 liquid |
| b Odor | Faint, sweetish odor |
| c Odor Threshold | No data available |
| d pH | No data available |
| e Melting Point /Freezing Point | -16 -13°C -lit |

f	Boiling Point	203-206°C lit
g	Flash Point	101°C
h	Ignition Temperature	436°C
i	Auto-ignition temperature	No data available
j	Upper/lower Flammability Limit	No data available
k	Vapor pressure	5. hPa at 77°C 17.7 hPa at 100°C 0.125 hPa at 25°C
l	Vapor density	3.73 (Air= 1.0)
m	Relative density at 25°C	1.041-1.050
n	Solubility	One gram of Benzyl Alcohol dissolved in 30 mL of water. Soluble in alcohol.
o	Partition coefficient: n-octanol/water	log Pow: 1.1
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

9.2 Other Safety Information Surface tension: 39 mN/m at 20°C

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical Stability	Stable under recommended storage conditions Test for peroxide formation before distillation or evaporation. Test for peroxide formation or discard after 1 year.
10.3 Possibility of Hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	No data available
10.7 Further Information	No data available

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

LD50-Oral-Rat

1,230 mg/kg

Remarks: Behavioral: Somnolence (general depressed activity)

Behavioral: Excitement; Coma

LC50-Inhalation

No data available

LD50-Dermal-Rabbit

2,000 mg/kg

Skin corrosion/irritation

Rabbit- irritating to skin – 24 hr

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

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

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

Central nervous system depression; Liver irregularities Based on Human Evidence

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Synergistic effect

No data available

RTECS:

DN3150000

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

To Fish

No data available

To Daphnia and other aquatic

LC50 – Lepomis macrochirus (Bluegill) 10 mg/l 96h

invertebrates

EC50- Daphnia magna (Water Flea) 55 mg/l 24h

12.2 Persistence and degradability

Biodegradability: Biotic/Aerobic
Result: 92-96% - Readily biodegradable

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.

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

Marine Pollutant:

Environmentally Hazardous Substance, Liquid, N.O.S. (Benzyl Alcohol)

Poison Inhalation Hazard:

Yes

No

IMDG

Proper shipping Name

UN-Number: 3082 Class: 9 Packing Group: III

Marine Pollutant:

Environmentally Hazardous Substance, Liquid, N.O.S. (Benzyl Alcohol)

Yes

IATA

Not regulated as 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, Chronic Health Hazard

Massachusetts Right to Know components

Benzyl Alcohol CAS# 100-51-6 Rev. Date: 4/24/1993

Pennsylvania Right to Know components

Benzyl Alcohol CAS# 100-51-6 Rev. Date: 4/24/1993

Safety Data Sheet

New Jersey Right to Know components

Benzyl Alcohol

CAS# 100-51-6

Rev. Date: 4/24/1993

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 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	