

Offer Sheet

Product	Benzyl alcohol
Quantity	7 HPDE drums x 485 lbs.
Net weight	3,395 lbs.
Expiration date	6/11/25
Availability	One time
Location	NJ 08807
Date	1/8/26
COA & SDS	Attached below

Brian Svrusis
Solvent Systems International
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Elk Grove Village, IL 60007
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CERTIFICATE OF ANALYSIS

Item	Benzyl Alcohol		
Batch Number	EL15012025644		
Manufacturing Date	06.11.2024		
Date of Expiry / Retest	06.11.2025		

Characteristic	results	Specification	Unit
Optical reference visual Colourless, clear liquid	complies	complies	
GC Benzyl Alcohol	100.0	>= 99.8	%
GC Benzaldehyde	0.02	0.10	%
GC Di Benzyl Ether	0.0	= 0.1	%
Color number Colour Value (APHA)	5	= 10	
Specific gravity Specific Gravity @25°C	1.0430	1.0420 - 1.0460	
Refractive index Refractive Index @20°C	1.5405	1.5380 - 1.5410	
Moisture Content Moisture	0.0	= 0.1	%
Acid Value Acid Value as KOH	0.0	= 0.1	mgKOHg
Total Halogens (Calc. As Chlorine) Total Halogens (CALC. As Chlorine)	7.0	= 20.0	ppm

Note: This document is electronically generated and does not require signature.

MATERIAL SAFETY DATA SHEET

ELPROTECT™-BZOG1 (Benzyl Alcohol)

SECTION I: Identification of the Substance and the Company

1.1 Product identifier:

Product Name: (BENZYL ALCOHOL)

Chemical Name: Phenyl methanol

CAS Number: 100-51-6

EINECS Number: 202-859-9

FEMA: 2137

Reach Registration No.: Not registered

1.2 Relevant identified uses of the substance or mixture:

Raw material used in flavoring preparation and/or perfumery.



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SECTION II: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008

- Acute toxicity, Oral (Category 4), H302
- Eye irritation (Category 2), H319
- Acute toxicity inhalation (Category 4), H332

Labelling according Regulation (EC) No 1272/2008

Pictogram:



Signal word: Warning

Hazard statements:

H302 :	Harmful if swallowed.
H319 :	Cause serious eye irritation.
H332 :	Harmful if inhaled

Precautionary statements:

- P261 : Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
- P280 : Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P312+P330 : If swallowed : call a poison center/doctor if you feel unwell. Rinse mouth.
- P304+P340+P312 : If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
- P305+P351+P338 : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 : Dispose of contents/containers in accordance with local/regional/national/international regulations.



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2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

SECTION III: Composition/Information on Ingredients

Chemical Name

Phenyl methanol

CAS Number

100-51-6

EINECS Number

202-859-9

Molecular Weight

108.14

Formula

C7H8O

Concentration Range

99.50 - 100 %

SECTION IV: First Aid Measures

4.1 Description of first aid measures

- Consumption:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.



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- **Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- **Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- **Skin Contact:** Wash off with soap and plenty of water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available.

SECTION V: Fire Fighting 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 firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information:

No data available



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SECTION VI: 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. For personal protection see section 8.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION VII: Handling and Storage

7.1 Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in tightly closed container under nitrogen purging in a cool and dry place protected from heat & light.

7.3 Specific end use(s):

Not available.



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SECTION VIII: Exposure Controls / Personal Protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Full contact

- Material: butyl-rubber
- Minimum layer thickness: 0.3 mm
- Break through time: 480 min

Splash contact

- Material: Nitrile rubber
- Minimum layer thickness: 0.4 mm
- Break through time: 43 min



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If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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 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 CEN (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 IX: Physical and Chemical Properties

Appearance	Clear Liquid
Color	Colorless
Odor	Sweet, floral, fruity
Specific gravity	1.0410 - 1.0460 at 25°C
Refractive index	1.5385 - 1.5405 at 20°C
Flash point	96°C
Boiling point	205-206°C @ 760 mm Hg
Vapour pressure	0.094000 mmHg @ 25.00 °C
Additional information	Not available.



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SECTION X: Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal operating condition.

10.3 Possibility of hazardous reactions

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

10.4 Conditions to avoid

Heat, flames and other source of ignition.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

In the event of fire: see section 5.

SECTION XI: Toxicological Information

11.1 Information on toxicological effects

Contact the supplier for more information.

LD50 Oral - Rat - male - 1620 mg/kg

Remarks: (ECHA)



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Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation:

Skin Rabbit

Result: No skin irritation - 4 h

(OECD Test Guideline 404)

Serious eye damage/eye irritation:

Causes serious eye irritation

Respiratory or skin sensitization:

Maximisation Test

Result: negative

(OECD Test Guideline 406)

Germ cell mutagenicity:

No data available.

Carcinogenicity:

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

Reproductive toxicity:

No data available.

Specific target organ toxicity - single exposure:

May cause respiratory irritation.



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Specific target organ toxicity - repeated exposure:

No data available.

Aspiration hazard:

No data available.

SECTION XII: Ecological Information

12.1 Toxicity:

Pimephales promelas (fathead minnow) - 460 mg/l - 96 h (US-EPA)

Toxicity to daphnia and other aquatic invertebrates: Immobilization EC50 - Daphnia magna (Water flea) - 23 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae: static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 700 mg/l - 72 h

12.2 Persistence and degradability:

Biodegradability aerobic - Exposure time 14 d Result: 92 - 96 % - Readily biodegradable. (OECD Test Guideline 301C)

aerobic - Exposure time 21 d Result: 95 - 97 % - Readily biodegradable. (OECD Test Guideline 301A)

Biochemical Oxygen Demand 1.550 mg/g Remarks: (Lit.)

Theoretical oxygen demand 2.515 mg/g Remarks: (IUCLID)

Ratio BOD/ThBOD 62 % Remarks: (Lit.)

12.3 Bioconcentration factor:

No data available.



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12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects:

No data available

XIII: Disposal Considerations

13.1 Waste treatment methods:

Container disposal: Container must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION XIV: Transport Information

International carriage of Dangerous goods by road (ADR)

- **UN Number:** N/A
- **Proper Shipping Name:** N/A
- **Packing Group:** N/A
- **Class:** N/A

Sea transport (IMDG)

- **UN Number:** N/A
- **Proper Shipping Name:** N/A
- **Packing Group:** N/A



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- **Class:** N/A
- **Marine Pollutant:** No

Air transport (ICAO/IATA)

- **UN Number:** N/A
- **Proper Shipping Name:** N/A
- **Packing Group:** N/A
- **Class:** N/A

SECTION XV: Regulatory Information

15.1 Safety, health and environmental regulations/legislations specific for the substance

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

15.2 Chemical safety assessment:

For this product a chemical safety assessment was not carried out.

SECTION XVI: Other Information

The information contained in the present MSDS, according to regulation 1907/2006, is based on our knowledge and experience at the moment of publishing it. This document tries to give information about the correct use, storage and transport.

Bearing in mind that the use of this information and the conditions of use of the product are not under control of Elchemy. provides the information contained herein in a 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 and take the responsibility for observing existing laws and regulations.

This is a computer-generated document hence does not need signature.



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