

## MATERIAL SAFETY DATA SHEET

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

#### 1.1 Product identifier:

Product Name :	BENZYL BENZOATE
Product Code :	P022
Chemical Name :	phenyl methyl benzoate
CAS Number :	120-51-4
EINECS Number :	204-402-9
FEMA :	2138
Reach Registration No. :	Not registered

#### 1.2 Relevant identified uses of the substance or mixture:

Raw material used in flavoring preparation and/or perfumery.

**Supplier:** Elchemy

**Company Address:** A-448, Pocket 2, Sector 8, Rohini, New Delhi, Pin Code: 110085, India

**Company Web Site:** [www.elchemy.com](http://www.elchemy.com)

**Emergency Phone Number:** +919867099519 (24 Hrs)

**Email Id:** [info@elchemy.com](mailto:info@elchemy.com)



+91 98670 99519  
+1 (908) 663 8750  
[info@elchemy.com](mailto:info@elchemy.com)  
[www.elchemy.com](http://www.elchemy.com)



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## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008 Acute toxicity, Oral (Category 4), H302 Long-term (chronic) aquatic hazard (Category 2), H411

### 2.2 Label elements

H302 :	Harmful if swallowed
H411 :	Toxic to aquatic life with long lasting effects.

### Precautionary statements:

P264	Wash hands thoroughly after handling.
P270 :	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P301+P312 :	If swallowed: Call a poison center or doctor/physician if you feel unwell.

P330 :	Rinse mouth.
P391 :	Collect spillage.
P501 :	Dispose of contents/container in accordance with local/regional/national/international regulations.

### 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 3: Composition/Information on ingredients

### 3.1 Substances:

Chemical Name	phenyl methyl benzoate
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CAS Number :	120-51-4
EINECS Number :	204-402-9
Molecular Weight :	212.25
Formula	C14H12O2
Concentration Range :	99 100

## SECTION 4: 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.
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 5: Firefighting measures

### 5.1 Extinguishing media:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



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## 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.

## 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. 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 7: Handling and storage

### 7.1 Precautions for safe handling:

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



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## 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):

No data available.

## SECTION 8: 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.

### Personal protective equipment

- **Eye/face protection:** Face shield and safety glasses. 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: Nature latex/chloroprene Minimum layer thickness: 0.6 mm Break through time: 480 min
  - Splash contact Material: Nitrile rubber Minimum layer thickness: 0.2 mm Break through time: 86 min
- 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



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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 cartridges as a backup 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 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 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

Appearance :	Clear Liquid
Color :	Colorless to pale yellow
Odor :	Very faint, mild, balsamic
Specific gravity :	1.1130 - 1.1210 at 25°C
Refractive index :	1.5660 - 1.5710 at 20°C
Flash point :	158°C
Boiling point :	323-324°C @ 760 mm Hg
Vapour pressure :	0.000250 mmHg @ 25.00 °C
Additional information :	Not available.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity:

No data available.



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## 10.2 Chemical stability:

Stable under normal operating condition.

## 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:

Hazardous decomposition products formed under fire conditions. - Carbon oxides. In the event of fire: see section 5.

## Senses Desire, Chemistry Delivers.

**PLOT NO.: 4703,4704,4705/1/2/3,4 G.I.D.C ANKLESHWAR-393002, DIST. BHARUCH, (GUJARAT) INDIA**

**PHONE: 91-2646-224211, E-mail: info@jayshreeind.com Website: www.jayshreeind.com**

**JIJAYSHREE MATERIAL SAFETY DATA SHEET AROMATICS PVT. LTD.**

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity:** LD50 Oral - Rabbit - 1680 mg/kg

Remarks: Behavioral: Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration: Dyspnea. (RTECS)

Symptoms: Nausea, Vomiting, Diarrhea



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Symptoms: Irritation symptoms in the respiratory tract.

LD50 Dermal - Rabbit - 4000 mg/kg

Remarks: (RTECS)

**Skin corrosion/irritation:** Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404)

**Serious eye damage/eye irritation:** Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405)

**Respiratory or skin sensitization:** Local lymph node assay (LLNA) - Mouse Result: negative (OECD Test Guideline 429)

**Germ cell mutagenicity:** Test Type: unscheduled DNA synthesis assay Species: Rat Cell type: Liver cells Application Route: Oral Result: negative Remarks: (ECHA)

**Carcinogenicity:** No data available.

**Reproductive toxicity:** No data available.

**Specific target organ toxicity - single exposure:** No data available.

**Specific target organ toxicity - repeated exposure:** No data available.

**Aspiration hazard:** No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity:

Toxicity to fish :	semi-static test LC50 - Danio rerio (zebra fish) - 2.32 mg/l - 96 h (Directive 67/548/EEC, Annex V, C.1.)
Toxicity to daphnia : and other aquatic invertebrates	static test EC50 - Daphnia magna (Water flea) - 3.09 mg/l - 48 h (OECD Test Guideline 202)
Toxicity to algae :	



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	static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 0.475 mg/l - 72 h (OECD Test Guideline 201)
Toxicity to bacteria :	static test EC50 - activated sludge - > 10,000 mg/l - 3 h (OECD Test Guideline 209)

## 12.2 Persistence and degradability:

Biodegradability aerobic - Exposure time 28 d Result: 94 % - Readily biodegradable.  
(Regulation (EC) No. 440/2008, Annex, C.4-D)

## 12.3 Bioconcentration factor:

No data available.

## 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, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other adverse effects:

No data available.

## SECTION 13: Disposal consideration

### 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.



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Registered Name: **BizinBiz Technologies Private Limited**  
Registered Address: 3/8 2nd Floor, Asaf Ali Road, Above Dabur  
India Pvt. Ltd., New Delhi, India, 110002  
CIN: U24290DL2021PTC382855 | **GST: 07AAJCB9425C1ZR**  
IEC: AAJCB9425C

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 14: Transport information

International carriage of Dangerous goods by road (ADR)

- UN Number: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)
- Packing Group: III
- Class: 9

Sea transport (IMDG)

UN Number	3082
Proper Shipping Name :	(Benzyl ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. benzoate)
Packing Group :	III
Class :	9
Marine Pollutant :	Yes
Air transport (ICAO/IATA)	
UN Number	3082
Proper Shipping Name :	(Benzyl ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. benzoate)
Packing Group :	III
Class :	9



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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture:

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 16: 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 BizinBiz Technologies Private Limited 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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