



CIN No : U24117GJ1994PTC023109

Tele-Fax : +91-22-22017595 / 7124

Email : ho@sopl.co.in

Website : www.sopl.co.in

# SANGHVI ORGANICS PVT. LTD

Mfrs of ORGANIC CHEMICALS

Admn. Office : Plot No. 24, D. Dharmesh Mansion, Kalbadevi Road, Bhangwadi, Kalbadevi, Mumbai 400 002.

Regd. Off. & Factory : Plot No. 3516, Phase III, G. I. D. C. Panoli, Dist. BHARUCH, GUJRAT - 394 116, (INDIA)

## MATERIAL SAFETY DATA SHEE

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name : BENZYL ALCOHOL**

Synonyms : Benzene Methnaol, Phenylcarbinol, Phenylmethanol

Uses : In the Chemical, Fragrance and paint Industries

Supplier : Sanghvi Organics P Ltd

Plot No. 3516

Panoli ( Gujarat)

Telephone Number : 02646-272276

### 2. HAZARDS IDENTIFICATION

Pictogram



Signal word

warning

SAF-T-DATA™ Ratings( provided here for your convenience)

Health Rating 2

Flammability Rating 1

Reactivity Rating 0

Potential Health Effects

#### Inhalation

Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. May be absorbed into the bloodstream with symptoms similar to ingestion.

#### Ingestion

Large does may cause sore throat, coughing, labored respiration, dizziness, dullness, abdominal pain. Vomiting, central nervous system depression, convulsions, and death due to respiratory failure.

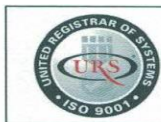
#### Skin Contact

May cause irritation, redness, pain, and tissue injury. May be absorbed through the skin with symptoms paralleling ingestion.

#### Eye contact

Causes irritation, redness and pain, Can cause eye damage.

Chronic Exposure



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Chronic exposure may cause skin effects.

### Hazard statement(s):

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

H315 Causes skin irritation.

H401 Toxic to aquatic life.

### Precautionary Statements (s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing.

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 & keep at rest in 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.

P501 Dispose of contents /container to an approval waste disposal plant.

P305 + P351 + P338 If in eyes : Rinse cautiously with water for several minutes. Remove contact lenses if Present and easy to do continue rinsing.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C7H8O

Molecular weight : 108.14g/mol

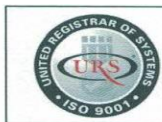
Components	CAS Number	Concentration	Risk Phrases
Benzyl Alcohol	100-51-6	< = 100%	R20/22

### 4. FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact



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Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## **5. FIRE FIGHTING MEASURES**

Fire

Flash point : 93°C(199F)

Auto ignition temperature : 436°C (817F)

Hazards from combustion products

Combustible liquid. High heat or direct flame is necessary to cause ignition.

Explosion

Above the flash point, explosive vapor-air mixtures may be formed.

Precautions for fire fighters and special protective equipment.

On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

## **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedure

Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Wear appropriate personal protective equipment.

Isolate hazard area.

Environmental precaution

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

Methods and materials for containment and cleaning up

Soak up with inert absorbent materials(e.g. vermiculite, dry sand, earth) and dispose of as hazardous waste. Keep in suitable closed containers for disposal.



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## **7. HANDLING AND STORAGE**

Conditions for safe storage

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials . store away from sources of heat or ignition. Store under nitrogen. Keep containers closed when not in use.

Precautions for safe handling

Avoid skin and eye contact and breathing in vapour, mists and aerosols.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Airborne Exposure Limits:

AIHA workplace Environmental Exposure Level (WEEL) : 10ppm, 8-hour, TWA

**Engineering controls:**

Use in well ventilated areas. If inhalation risk exists. Use with local exhaust ventilation or while wearing organic vapour respirator. Vapour heavier than air prevent concentration in hollows or sumps. Do not enter confined spaces where vapour may have collected. keep containers closed when not in use.

**Personal Protective Equipment:**

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

**Skin Protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or overalls, as appropriate, to prevent skin contact.

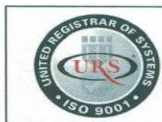
**Eye protection**

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Use with adequate ventilation. Always wash hands before smoking ,eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	:	Liquid
Colour	:	Colourless
Odour	:	Faint Aromatic



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Odour Threshold	:	5.5 ppm
Solubility	:	Practically insoluble in water, soluble in methanol,, acetone, ether, chloroform, And benzene
Specific Gravity	:	1.042
Relative Vapor density	:	3.72
Vapour Pressure(25°C)	:	0.15mm Hg
Flash Point (°C)	:	97
Autoignition Temperature	:	436
Solubility in water(g/l)	:	40@ 20°C
Boiling point	:	206
Decomposition Point(°C)	:	403
pH	:	Neutral (Aqueous solution)
Viscosity	:	<a href="#">5.8mp.s@20°C</a>
Partition Coefficient	:	Log Pow = 1.10
Freezing Point	:	-15.4

### 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal ambient and anticipated storage and handling conditions Of temperature and pressure.
Conditions to avoid	:	Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to Air.
Incompatible materials	:	Incompatible with air, oxidizing agents, acids, aluminium, and iron
Hazardous decomposition	:	Oxides of Carbon.
Hazardous reactions	:	Hazardous polymerization will not occur

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms of effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion	:	Swallowing can result in nausea. Vomiting, diarrhea, and abdominal pain.
Eye contact	:	Contact with skin may result in irritation. Will have a degreasing action on the Skin. May causes skin sensitization in sensitive individuals. Repeated or Prolonged skin contact may lead to allergic contact dermatitis.
Inhalation	:	Breathing in vapour can result in headaches, dizziness, drowsiness, and Possible nausea. May cause respiratory sensitisation in sensitive individuals, Producing asthma like symptoms.
Long Term Effects	:	No information available for the product.





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Toxicological Data : Oral LD50 (rat) : 1230mg/kg  
Oral LD50 (mice): 1360mg/kg  
Dermal LD50(rabbit):2000mg/kg  
Inhalation LC50 (rat): > 4.178 mg/L/4hours

### **12. ECOLOGICAL INFORMATION**

Ecotoxicity : Avoid contaminating waterways

### **13. DISPOSAL CONSIDERATIONS**

Disposal methods : Dispose of material offer surplus and non-recyclable solutions to a licensed Disposal company.

### **14. Transport information**

Road and Rail Transport

Not classified as dangerous Goods for transport by Road and Rail. :- NON-DANGEROUS GOODS

Marine Transport

Not classified as Dangerous Goods by the criteria of the international Maritime Dangerous Goods(IMDG Code) for transport by sea. :NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.: NON-DANGEROUS GOODS

### **15. REGULATORY INFORMATION**

Hazard Category : Xn: Harmful

Risk Phrase(s) : R20/22 : Harmful by inhalation and if swallowed.

Safety Phrase(S) : S23: Do not breathe vapor/mist/aerosol

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and Seek medical advice.

S37/39: Wear suitable gloves and eye/face protection

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S45: In case of accident or if you feel unwell, seek medical advice immediately.



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## **16 OTHER INFORMATION**

### **NFPA Hazard ID**

Health Hazard : 2

Fire Hazard : 1

Reactivity Hazard : 0

Hazard rating : 0- Minimal; 1 – Slight; 2- Moderate ; 3 – Serious ;4 – Severe

### **Label Hazard Warning:**

**WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT**

Label Precautions: Avoid breathing vapor mist.

Avoid contact with eyes, skin and clothing.

Keep container closed.

Use only with adequate ventilation.

Wash thoroughly after handling.

Keep away from heat and flame.

### **Label First Aid:**

If swallowed give large amounts of water to drink. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes.

Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases, get medical attention

Sanghvi Organics P. Ltd provides the information contained here in good faith but makes no representative as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by properly trained person using this product. Sanghvi Organics P. Ltd will not be responsible for damages resulting from use of or reliance upon this information.