

# METAPHENOXY BENZYL ALCOHOL

Preparation Date 11-Aug-2017

Revision date 11-Aug-2017

Revision Number: 01

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### 1.1 Identification of the product

<b>Product Description</b>	METAPHENOXY BENZYL ALCOHOL
<b>Pure Substance/preparation</b>	Substance
<b>CAS-No</b>	13826-35-2
<b>EC number</b>	237-525-1
<b>Reach Registration number</b>	A registration number is not available for this substance as the substance or its uses may be exempted or annual tonnage does not require a registration.

### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

<b>Recommended use</b>	Laboratory chemical, Industrial chemical
<b>Uses advised against</b>	No additional information available

### 1.3 Details of the Supplier of the Safety Data Sheet

#### Supplier

**UPL Limited**  
Uniphos House, Madhu Park,  
Khar (W), Mumbai, India  
Tel: +91-(022)- 2646-8000

**E-mail address** info.in@uniphos.com

### 1.4 Emergency Telephone Number

**Emergency telephone number** +91-(022) -2646-8000 (From 9:00 A.M. to 5:00 P.M.)

## 2. Hazard Identification

### 2.1 Classification of the substance or Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Oral Toxicity	Category 4 - (H302)
Serious Eye Damage/Eye Irritation	Category 2A - (H319)
Aquatic acute toxicity	Category 1 - (H400)
Aquatic chronic toxicity	Category 1 - (H410)

### 2.2 Label elements

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### Signal Word

### Warning

### Hazard Statement

H302

H319

H410

Harmful if swallowed

Causes serious eye irritation

Very toxic to aquatic life with long lasting effects

### Precautionary Statements

#### Prevention

**P264** Wash ... thoroughly after handling.

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

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

**P273** Avoid release to the environment.

#### Response

**P301+P312** IF SWALLOWED: Call a POISON CENTRE/doctor or physician if you feel unwell.

**P330** Rinse mouth.

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313** If eye irritation persists: Get medical advice/attention.

**P391** Collect spillage

#### Storage

**P403+P233** Store in a well-ventilated place. Keep container tightly closed.

#### Prevention

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

### Other Information

No other hazards known.

## 3. Composition/information on Ingredients

### 3.1. Substance

Chemical name	CAS-No	EC No	Weight %	EU - GHS Substance Classification (REGULATION (EC) No 1272/2008)	REACH No.
METAPHENOXY BENZYL ALCOHOL	13826-35-2	237-525-1	<=100	Acute Oral 4 (H302); Eye Irrit/Dam. 2 (H319); Aq. acute tox. 1 (H400); Aq. chronic tox. 1 (H410)	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16

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## 4. First aid measures

### 4.1 Description of first-aid measures

<b>General advice</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
<b>Skin contact</b>	Wash off with soap and plenty of water for at least 15 minutes. Clean contaminated clothing and shoes before reuse or discard if they cannot be thoroughly cleaned. If skin irritation or rash develops, get medical attention.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting unless told by physician. If vomiting occurs ensure patient can breathe. Get medical attention, if you feel unwell.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No further relevant information available.

### Indication of immediate medical attention and special treatment needed

Treat symptomatically and supportively.

## 5. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Water spray, alcohol - resistant foam, dry chemical or carbon dioxide
<b>Unsuitable extinguishing media</b>	High volume water jet as it may scatter and spread fire.

### 5.2 Special hazards arising from the substance or mixture

<b>Special Hazard</b>	Thermal decomposition can lead to release of irritating/toxic gases and vapors. Keep product and empty container away from heat and sources of ignition. Hazardous decomposition products formed under fire conditions: Oxides of carbon
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### 5.3 Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of involved material.

## 6. Accidental release measures

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## **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Take precautionary measures against static discharge. Avoid breathing vapor/mist. Ensure adequate ventilation. Keep away from heat/spark/open flames/hot surfaces. Use personal protective equipment.

## **6.2 Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.

## **6.3 Methods and materials for containment and cleaning up**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

## **6.4 Reference to other sections**

Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## **7. Handling and Storage**

### **7.1 Precautions for Safe Handling**

#### **Handling**

Avoid contact with skin, eyes & clothing. Avoid breathing vapor/mist/spray. Do not eat, drink or smoke while using the product. Keep away from moisture as this substance absorbs moisture from air. Avoid contact as this substance is sensitive to light. Keep out of reach of children.

#### **Hygiene measures**

Wash thoroughly after handling. Keep away from food, drink and animal feedingstuffs. Handle in accordance with good industrial hygiene and safety practice.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Store in a cool and dry place.

### **7.3 Specific end uses**

Laboratory chemical, Industrial Chemical

## **8. Exposure Controls/ Personal Protection**

### **8.1 Control Parameters**

**Exposure Limits** Apply technical measures to comply with the occupational exposure limits

**Derived No Effect level (DNEL)** No information available

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**Predicted No Effect Concentration** No information available

### 8.2 Exposure Controls

Ensure adequate ventilation, especially in confined areas. If applicable, use process enclosure, local exhaust ventilation, or other engineering controls to maintain airborne level below recommended exposure limits. If exposure limits have not been established maintain airborne levels to acceptable level.

### Personal protective equipment

<b>Eye protection</b>	Use safety google with side protection.
<b>Skin protection</b>	Long-sleeved clothing. Preventative skin protection is recommended.
<b>Hand protection</b>	Wear suitable protective glove/clothing. 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.
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

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

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Light yellow liquid
<b>Physical state</b>	Liquid
<b>Odor</b>	No data
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
<b>pH</b>	8-10 AT 28.7°C	
<b>Melting point/freezing point</b>	<-31°C	
<b>Boiling Point/Range</b>	>250°C	
<b>Flash Point</b>	>100°C	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	Not applicable	
<b>Flammability or Explosive limits</b>		
<b>Upper</b>	No information available	
<b>Lower</b>	No information available	
<b>Density</b>	1.142 g/cm <sup>3</sup>	
<b>Vapor Density</b>	No information available	
<b>Vapor pressure (air = 1)</b>	0.000313 at 25°C	
<b>Water solubility</b>	362.28 mg/L	
<b>Solubility in Other Solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	log Pow 2.797±0.006 at 25°C	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity Dynamics</b>	No information available	
<b>Surface tension</b>	No information available	
<b>Oxidizing properties</b>	No information available	

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Explosive properties No information available

## **9.2 OTHER INFORMATION**

VOC Content No information available

## **10. Stability and Reactivity**

### **10.1 Reactivity**

None known.

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reaction**

Reacts with strong oxidizing agents

### **10.4 Conditions to avoid**

Avoid ignition source, moisture

### **10.5 Incompatible Materials**

Strong oxidizing agents, alcohols, cyanide, iodine, strong bases, carbonates

### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Hazardous decomposition products formed under fire conditions: Oxides of carbon

## **11. Toxicological Information**

### **11.1 Information on Toxicological Effects**

#### **Acute toxicity**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
METAPHENOXY BENZYL ALCOHOL (CAS 13826-35-2)	1369.8034 mg/kg	10000 mg/kg	>2mg/l

Source: European chemical agency

#### **Local effect**

<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Causes serious eye irritation
<b>Skin contact</b>	May cause skin irritation
<b>Ingestion</b>	Harmful if swallowed.

#### **Chronic toxicity**

**Skin Corrosion/Irritation** May cause skin irritation.

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<b>Eye damage/irritation</b>	Causes serious eye irritation.
<b>Sensitization</b>	Based on available data, the classification criteria are not met.
<b>Mutagenic effects</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenic effects</b>	Based on available data, the classification criteria are not met.
<b>Reproductive effects</b>	Based on available data, the classification criteria are not met.
<b>STOT - Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

## 12. Ecological Information

### 12.1 Ecotoxicity

LC50/fish/96 hr = >1.32 - <2.90 mg/L  
EC50/Daphnia Magna/ 48 hr= 0.05 mg/l  
Algae EC50 72 hr= 13.498 mg/l

(Source: EUROPEAN CHEMICAL AGENCY)

### 12.2 Persistence and Degradability

No information available

### 12.3 Bioaccumulative Potential

No information available  
Log Pow = 2.797±0.006 at 25°C

### 12.4 Mobility in Soil

No information available

### 12.5 Results of PBT and vPvB Assessment

No information available

### 12.6 Other Adverse Effects

No information available.

## 13. Disposal Considerations

### 13.1 Waste Treatment Methods

**Waste from Residues / Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse empty containers. Dispose of this container to hazardous or special waste collection point.

## 14. Transport Information

### ADR/RID

14.1 UN-No UN 3082

14.2 Proper Shipping name Environmentally hazardous substances, liquid, n.o.s. (Metaphenoxy benzyl alcohol)

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14.3 Hazard class 9  
14.4 Packing group III  
14.5 Environmental Hazard Yes

**IMDG/IMO**

14.1 UN-No UN 3082  
14.2 Proper Shipping name Environmentally hazardous substances, liquid, n.o.s. (Metaphenoxy benzyl alcohol)  
14.3 Hazard class 9  
14.4 Packing group III  
14.5 EMS-NO F-A,S-F  
14.6 Environmental Hazard Yes

**IATA/ICAO**

14.1 UN-No UN 3082  
14.2 Proper Shipping name Environmentally hazardous substances, liquid, n.o.s. (Metaphenoxy benzyl alcohol)  
14.3 Hazard class 9  
14.4 Packing group III  
14.5 Environmental Hazard Yes

## 15. Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### International Inventories

USINV	Complies
TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	-
ENCS	Complies
China	Complies
AICS	Complies
KECL	Complies

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
ENCS - Japan Existing and New Chemical Substances  
AICS - Australian Inventory of Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

## 16. Other Information

Full text of H-Statements referred to under sections 2 and 3

H302 Harmful if swallowed  
H319 Causes serious eye irritation



**METAPHENOXY BENZYL ALCOHOL****Preparation Date** 11-Aug-2017**Revision date** 11-Aug-2017**Revision Number:** 01**H410** Very toxic to aquatic life with long lasting effect**Preparation Date** 11-Aug-2017**Revision date** 11-Aug-2017**Revision note** Not applicable**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006****Disclaimer**

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**End of Safety Data Sheet**