

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY NP**

Status : 05/01/2011

Product Code : BW5050

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### 1.) Identification of the substance / preparation and company

#### Product details

Trade Name **BOMBAY NP**

Use Damping solution additive for offset printing.

#### Identification of manufacturer / supplier Address

**Bombay Wellprint Inks Private Limited,**

C-93/2, M.I.D.C., Hingna Industrial Area,

Nagpur- 440028 (INDIA)

Telephone No. : +91 7104 236180

Fax No. : +91 7104 236911

Emergency No. : **+91 9923333601**

### 2.) Composition / information on ingredients

#### Chemical characterization

Mixture (preparation)

#### Hazardous ingredients

##### **2-(2- Butoxyethoxy) Ethanol**

EC No. 203-961-6 Index No. 603-096-00-8 CAS No. 112-34-5

Concentration > 1 < 5 % - b.w.

Classification Xi;R36

Hazardous Symbols Xi R Phrases 36

##### **Glycerol**

EC No. 200-289-5 Index No. - CAS No. 56-81-5

Concentration > 10 < 30 % - b.w.

Classification -

Hazardous Symbols - R Phrases -

### 3.) Hazardous Identification

Hazardous Symbols - NONE

R Phrases - NONE

#### Particular information pertaining specific risk for human / environment.

The product does not require warning label in accordance with directive 1999/45/EC.

No special hazard have to be mentioned. But please observe the information given in This safety data sheet.

### 4.) First Aid Measure

**General Information:** In case of persisting adverse effects consult a physician. Remove contaminated clothing & shoes immediately and launder thoroughly before reusing.

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**After Inhalation** : Ensure supply of fresh air.

**After Skin Contact** : Wash off immediately with soap and water.

**After Eye Contact** : Separate eyelids, wash the eyes thoroughly with water (15 min)

**After Ingestion** : Rinse mouth thoroughly with water, Summon a doctor immediately, Never give anything by mouth to an unconscious person.

### 5.) Fire Fighting Measures

#### **Other information**

Product itself does not burn. Adapt extinguisher and fire – fighting measure to fire in the environment.

### 6.) Accidental Release Measures

#### **Personal Precautions**

Refer to protective measures listed in section 7 and 8. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

#### **Environmental Precautions**

Do not discharge into drain/ surface water/ ground water.

#### **Method for cleaning up/ taking up**

Take up the absorbent material (e.g. sand, kieselguhr, universal binder), When picked up, treat material as prescribed under heading “disposable considerations.”

### 7.) Handling & Storage

#### **Handling**

##### **Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary).

If workplace limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimized taking the appropriate measure for protection and preventive actions. The work process should be designed to rule out the release the hazardous substances or skin contact as far it is possible by the state of the art.

##### **Advice on protection against fire and explosion**

No special measures necessary.

#### **Storage**

##### **Requirement for storage rooms and vessels.**

Containers which are opened must be carefully resealed and kept up right to prevent leakage. Always keep in containers of the same material as original one.

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### **Advice on storage assembly**

Do not store together with : Oxidizing agent

### **Further information on storage conditions**

Keep container tightly closed in cool, well-ventilated place.

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

### **Exposure limit values**

#### **2-(2-BUTOXYETHOXY) ETHANOL**

CAS No. 112-34-5

EC No. 203-961-6

#### **2006/15/EG**

#### **2-(2-BUTOXYETHOXY) ETHANOL**

TWA 67,5 mg/m<sup>3</sup> 10 ml/m<sup>3</sup>

STEL 101,2 mg/m<sup>3</sup> 15 ml/m<sup>3</sup>

#### **Glycerol**

CAS No. 56-81-5

EC No. 200-289-5

### **Occupational Exposure Standard (OESs) / EH40**

Glycerol mist

TWA 10 mg/m<sup>3</sup>

### **Personal protective equipment**

#### **Respiratory protection**

If work place exposure limits are exceeded, a respiration protection approved for this particulars job must worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Short term: filter apparatus, filter A/P.

#### **Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e EN 374, in the event of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves shall be replace immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

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### **Eye Protection**

Safety glasses with side protection shield (EN 166)

### **Skin Protection**

Clothing as usual in the chemical industry.

### **General Protective and Hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages  
Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Have eye wash fountain available.

## **9.) Physical and Chemical Properties**

### **General Information**

Form	liquid
Colour	colourless, opaque; slight or weak
Odour	characteristic

### **Important health, safety and environmental information**

#### **Change in physical stage**

Type	Boiling range
Value	>100°C

#### **Flash Point**

Value	not applicable
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#### **Density**

Value	1,08 - 1,09 g/cm <sup>2</sup>
Reference temperature	20°C

#### **Solubility in water**

Remarks	miscible
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#### **pH value**

Value	4 - 5
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## **10.) Stability and Reactivity**

### **Materials to avoid**

Oxidizing agents

### **Hazardous decomposition products**

No hazardous decomposition production known

### **Thermal decomposition**

Remarks	No decomposition if used as prescribed.
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### 11.) Toxicological Information

#### **Experience in practice**

Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin.

#### **Other information**

Product specific toxicological data are not know.

### 12.) Ecological Information

#### **Other adverse effects**

Ecological data are not available. Do not discharge product unmonitored into the environment.

### 13.) Disposal Considerations

#### **Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in the agreement with regional waste disposal company.

#### **Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

### 14.) Transport Information

The product is not defined under national/ international road, rail, sea and air transport regulations as a hazardous material.

### 15.) Regulatory Information

#### **Labeling in accordance with EC directives**

The product does not require a hazard warning label in accordance with EC directive 1999/45/EC.

<b>Hazardous Symbols</b>	-	NONE
<b>R Phrases</b>	-	NONE
<b>S Phrases</b>	-	NONE

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### **Special labeling for certain preparations**

“Safety data sheet available for professional user on request.”

### **Council Directive 96/82/EC on the control of major- accident hazards involving dangerous substances**

#### Remarks

Annex.1, part 1 + 2: not mentioned. With regards to possibly appropriate decomposition products.

### **16.) Other Information**

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp,99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (reach) as amended in each case.

EC Directive 2000/39/EC, 2006/15/EC as amended in each case.

National Threshold limit values of the corresponding countries as amended in each case.

Transport regulation according to ADR, RID, IMDG, IATA as amended in each case.

The data source used to determine physical, toxic and are indicated directly in the corresponding.

#### **Relevant R Phrases**

36 Irritating to eyes.

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.