

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**

Status : 05/01/2011

Product Code : BW5040

Page : 1

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

Product details

Trade Name **BOMBAY SF**  
Use Damping solution

**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 of surface – active agents, preservatives, corrosion inhibitor and defoaming agents.

**Hazardous ingredients**

**2-Butoxyethanol**

**EC No.** 203-905-0 **Index No.** 603-014-00-0 **CAS No.** 111-76-2  
**Concentration** > 5 < 10 % - b.w.  
**Classification** Xn; R20/21/22 Xi: R36/38  
**Hazardous Symbols** Xn **R Phrases** - 20/21/22-36/38

**Glycerol**

**EC No.** 200-289-5 **Index No.** - **CAS No.** 56-81-5  
**Concentration** > 5 < 10 % - b.w.  
**Classification** -  
**Hazard Symbols** - **R phrases** -

**Citric Acid**

**EC No.** 201-069-1 **Index No.** - **CAS No.** 77-92-9  
**Concentration** > 1 < 5 % - b.w.  
**Classification** Xi;R36  
**Hazard Symbols** Xi **R phrases** 36

**MIXTURE OF 5- CHLOR-2,3- DIHYDROISOTHIAZOL-3- ONE  
AND 2- METHYL-2,3- DIHYDROISOTHIAZOL-3-ONE (3:1)**

**EC no.** - **Index No.** 613-167-00-5 **CAS No.** 55965-84-9  
**Concentration** < 0,06 % - b.w.  
**Classification** T;R23/24/25 C;R34 N;R50-53 R43  
**Hazard Symbols** T,N **R phrases** 23/24/25-34-43-50/53

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**  
Product Code : BW5040

Status : 05/01/2011  
Page : 2

### 3.) Hazards Identification

#### Classification

**R10** May cause sensitization by skin contact.

#### Hazard symbols

**Xi** Irritant

#### R phrases

**43** May cause sensitization by skin contact.

### 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.

**After Inhalation** : Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Irregular breathing/ no breathing, artificial respiration. Summon a doctor immediately.

**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** : Do not induce vomiting- aspiration hazards. Never any things by mouth to unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side with head down). Summon a doctor immediately.

### 5.) Fire Fighting Measures

#### Suitable extinguishing media

Foam; extinguishing powder; Water spray jet; Carbon dioxide

#### Special exposure hazards arising from the substances or preparation itself, its combustion products or from resulting gases

None known

### 6.) Accidental Release Measures

#### Personal Precautions

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

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**  
Product Code : BW5040

Status : 05/01/2011  
Page : 3

### **Environmental Precautions**

Do not discharge into drain/ surface water/ ground water, in case of entry into water ways, soil or drain, inform the responsible authorities.

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

Take up the absorbent material (e.g. sand, kieselguhr, universal binder), send in suitable containers for recovery or disposable.

## **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.

#### **Advice on storage assembly**

Do not store together with: Oxidizing agent, Acids.

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

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

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

### **Exposure limit values**

#### **2-Butoxyethanol**

CAS no.	111-76-2
EC no.	203-905-0

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**  
Product Code : BW5040

Status : 05/01/2011  
Page : 4

### 2000/39/EWG

2-Butoxyethanol  
TWA 98 mg/m<sup>3</sup> 20 ml/m<sup>3</sup>  
STEL 246 mg/m<sup>3</sup> 50 ml/m<sup>3</sup>  
Skin resorption /  
sensibilisation Skin

### Occupational Exposure Standards (OESs) / EH40

2-Butoxyethanol  
TWA 123 mg/m<sup>3</sup> 25 ml/m<sup>3</sup>  
STEL 50 ml/m<sup>3</sup>  
Skin resorption /  
sensibilisation Skin

### Glycerol

CAS no. 56-81-5  
EC no. 200-289-5

### Occupational Exposure Standards (OESs) / EH40

#### Glycerol mist

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

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respirations protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate protection in the event work place 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 risk of skin contact with the product. Before use, the protective Gloves should be tested in any case for its specific work station suitability. Adhere to the Manufacturer's instructions and information relating to the use, storage care and Replacement of protective gloves. Protective gloves shall be replaced immediately when Physically damage or worn.

#### Skin protection

Clothing as usual in the chemical industry

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**

Status : 05/01/2011

Product Code : BW5040

Page : 5

### Eye protection

Safety glasses with side protection shield (EN 166)

### General protective and hygiene measures.

Do not eat, drink or smoke during work time. Keep away from foodstuff and beverages.  
Avoid contact with eyes and skin.

## 9.) Physical and Chemical Properties

### General Information

Form	liquid, clear
Colour	colourless
Odour	characteristic

### Important health, safety and environmental information

#### Change in physical stage

Type	Boiling range
Value	100°C

#### Flash Point

Remarks	not applicable
---------	----------------

#### Density

Value	1,048 g/cm <sup>3</sup>
Reference temperature	20°C

#### Viscosity

Type	dynamic
Value	appr. 2,27 mpa*s
Method	Hoppler
Reference temperature	20°C

#### Solubility in water

Remarks	miscible
---------	----------

#### Ph value

Value	4.9
Reference temperature	20°C

## 10) Stability and Reactivity

### Conditions to avoid

None Known

### Hazardous decomposition products

No hazardous decomposition production known

### Thermal decomposition

Remarks	No decomposition if used as prescribed.
---------	---

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**  
Product Code : BW5040

Status : 05/01/2011  
Page : 6

### 11.) Toxicological Information

#### **Experience in practice**

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

### 12.) Ecological Information

#### **General information/ ecology**

Do not discharge into the drain or waters and do not store on public.  
Depositories.

### 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 does not constitute a hazardous substance in national / international Road, sea and air transport.

### 15.) Regulatory Information

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

The product is classified and labeled in accordance with EC directive 1999/45/EC.

#### **Hazardous Symbols**

Xi                                  Irritant

#### **Hazardous component (s) to be indicated on label, contains:**

Mixture of 5-Chlor-2-Methyl-2,3-Dihydroisothiazol-3-One and 2-Methyl-2,3-Dihydroisothiazol-3-One(3:1)

## EC SAFETY DATA SHEET

Trade Name : **BOMBAY SF**  
Product Code : BW5040

Status : 05/01/2011  
Page : 7

### R phrases

43 May cause sensitization by skin contact.

### S phrases

28.2 After contact with skin, wash immediately with plenty of water and soap.

### Council Directive 96/82/EC on the control of major accident hazard involving dangerous substance.

Remarks Annex 1, Part 1+2: not mentioned. With regard to possibly appropriate decomposition product.

### National regulations

### Other regulation, restrictions and prohibition regulations

VOC 8 %

## 16.) Other Information

### Relevant R Phrases

20/21/22 Harmful by inhalation and in contact with skin and if swallowed.  
23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
34 Causes burns.  
36 Irritating to eyes.  
36/38 Irritating to eyes and skin.  
43 May cause sensitization by skin contact.  
50/53 Very toxic to aquatic organism, may cause long term adverse effects in the aquatic environment.

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.