

EC SAFETY DATA SHEET

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

Status : 05/01/2011
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

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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.

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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

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2000/39/EWG

2-Butoxyethanol
TWA 98 mg/m³ 20 ml/m³
STEL 246 mg/m³ 50 ml/m³
Skin resorption /
sensibilisation Skin

Occupational Exposure Standards (OESs) / EH40

2-Butoxyethanol
TWA 123 mg/m³ 25 ml/m³
STEL 50 ml/m³
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/m³

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

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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
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Density

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

Viscosity

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

Solubility in water

Remarks	miscible
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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.
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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.