

EC SAFETY DATA SHEET

Trade Name : **BOMBAY AR**
Product Code : BW5010

Status : 05/01/2011
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1.) Identification of the substance / preparation and company

Product details

Trade Name **BOMBAY AR**
Use Press Cleaner

Identification of 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 hydrocarbon and emulators.

Hazardous ingredients

NAPHTHA, HYDRODESULFURIZED HEAVY

EC No.	265-185-4	Index No.	649-330-00-2	CAS No.	64742-82-1
Concentration	< 100 % - b.w.				
Classification	R10 Xn; R65 N; R51-53	R67	R66		
Hazardous Symbols	Xn,N	R Phrases	-	10-51/53-65-66-67	

Contained aromatic substances:

XYLENE

EC. No.	215-535-7	Index No.	601-022-00-9	CAS No.	1330-20-7
Concentration	> 1 < 5 % - b.w.				
Classification	R10	Xn; R20/21	Xi; R538		
Hazard Symbols	Xn, N	R phrases	10-20/21-38		

1,2,4-Trimethylbenzene

EC No.	202-436-9	Index No.	601-043-00-3	CAS No.	95-63-6
Concentration	> 1 < 5 % - b.w.				
Classification	R10	Xn; R20	Xi; R36/37/38	N; R51-53	
Hazard Symbols	Xn; N	R phrases	10-20-36/37/38-51/53		

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3.) Hazards Identification

Classification

R10	Flammable
Xn; R65	Harmful : may cause lung damage if swallowed.
N; R51-53	Toxic to aquatic organisms, may cause long-term adverse effects In the aquatic environment.
R67	Vapors may cause drowsiness and dizziness.
R66	Repeated exposure may cause skin dryness or cracking.

Hazard symbols

Xn	Harmful
N	Dangerous for the environment

R phrases

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapors may cause drowsiness and dizziness.

Particular information pertaining specification risk for human/ environment.

In the case of swallowing with subsequent vomiting, aspiration of the lung can occur which can lead to chemical pneumonia or asphyxiation.

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.

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5.) Fire Fighting Measures

Suitable extinguishing media

Foam; extinguishing powder; Water spray jet; Carbon dioxide

Extinguishing media that must not be used for safety reason

Full water jet

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

None known

Special protective equipments for firefighting

Use self contained birthing apparatus. Wear protective clothing.

Other information

Cool endangered containers with water spray jet. Do not spray water into containers, to prevent over foaming.

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.

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

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Keep away from sources of heat and ignition.

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

Further information on storage conditions

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

8.) Exposure Controls/ Personal Protection

Exposure limit values

XYLENE

CAS no. 1330-20-7
EC no. 215-535-7

2000/39/EWG

Xylene, mixed isomers, pure

TWA	221	mg/m ³	50	ml/m ³
STEL	442	mg/m ³	100	ml/m ³
Skin resorption / sensibilisation	Skin			

Occupational Exposure Standards (OESs) / EH40

Xylene, o-, m-, p- or mixed isomers

TWA	441	mg/m ³	50	ml/m ³
STEL	662	mg/m ³	100	ml/m ³
Skin resorption / sensibilisation	Skin			

1,2,4-TRIMETHYLBENZEN

CAS no. 95-63-6
EC no. 202-436-9

OES/EH40

TWA	25 ml/m ³	125 mg/m ³
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2000/39/EWG

1,2,4-Trimethylbenzene

TWA	100 mg/m ³	20 ml/m
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NAPHTHA, HYDRODESULFURIZED HEAVY

CAS no. 64742-82-1

EC no. 265-185-4

ExxonMobil (RCP)

TWA 300 mg/m³ 52 ppm

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.

Appropriate Material nitride

Skin protection

Clothing as usual in the chemical industry

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. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

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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	155 - 200°C

Flash Point

Value	approx 45°C
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Ignition temperature

Value	> 200°C
Reference Substances	Hydrocarbon

Explosion limits

Upper explosion limit	7,00 % vol
Reference substances	Hydrocarbon

Lower explosion limit	0,60 % vol
Reference substances	Hydrocarbon

Vapour pressure

Value	0,248 kPa
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Density

Value	0.7825 g/cm ³
Reference temperature	20°C

Solubility in water

Remarks	emulsifiable
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10.) Stability and Reactivity

Conditions to avoid

None Known

Materials to avoid

Oxidizing agent

Hazardous decomposition products

No hazardous decomposition production known

Thermal decomposition

Remarks No decomposition if used as prescribed

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.

Eye contact with the product may lead to irritation.

Inhalation may lead to irritation of the respiratory tract.

Inhalation of solvent vapors is higher concentration may lead to nausea, headache, drowsiness and dizziness.

In the case of swallowing with subsequent vomiting, aspiration of the lungs can lead to chemical pneumonia or asphyxiation.

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.

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14.) Transport Information

Land transport ADR/RID

Class	3	Classification code	F1
Packing group	III		
Hazard id no.	30		
Label	3		
UN number	3295		
Technical name	Hydrocarbons liquid, n.o.s.		
Special Provision 640	Mineral spirits		

Marine transport IMDG/GGVSee

Class	3
Packing group	III
UN number	3295
Proper shipping name	Hydrocarbons liquid, n.o.s.
Danger releasing substance	Mineral spirits
Ems	F-E,S-D
MARPOL	P
Label	3

Air transport ICAO/IATA

Class	3
Packing group	III
UN number	3295
Proper shipping name	Hydrocarbons liquid, n.o.s.
Danger releasing substance	Mineral spirits
Label	3

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

Xn	Harmful
N	Dangerous for the environment

R Phrases

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long term adverse effects the aquatic environment.

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65 Harmful : may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapors may cause drowsiness and dizziness.

S phrases

23.6 Do not breathe vapor/ spray.
24 Avoid contact with skin.
57 Use appropriate to the environment. Refer to special contamination.

61 Avoid release to the environment. Refer to special Instructions/Safety data sheets.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Remarks Annex 1, Part 2, category 6

National regulations

Other regulation, restrictions and prohibition regulations

VOC 90 %

16.) Other Information

Relevant R Phrases

10 Flammable
20 Harmful by inhalation.
20/21 Harmful by inhalation and in contact with skin.
36/37/38 Irritating to eyes, respiratory system and skin.
38 Irritating to skin.
51/53 Toxic to aquatic organism, may cause long term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause drowsiness and dizziness.
67 Vapors may cause drowsiness and dizziness.

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.