

MATERIAL SAFETY DATA SHEET

D.P.X. MOUNTANT

(For Microscopy)

MSDS CAS: 130-12-2

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: D.P.X. MOUNTANT

CAS#: 130-12-2

Synonym: Not Available.

Chemical Name: D.P.X. Mountant

Chemical Formula: Not Available.

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Composition:

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Xylene	> 50 < 75 %	1330-20- 7	215-535- 7	601-022- 00-9	----	R10 Xn; R20/21 Xi; R38 ----- Flam. Liq. 3 _ H226 Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhal) _ H332

Section 2: Composition and Information on Ingredients (Continued)

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
						Skin Irrit. 2 _ H315 STOT SE 3 _ H335
Dibutyl phthalate	> 10 < 15 %	84-74-2	201-557-4	607-318-00-4	----	Repr. Cat. 2; R61 Repr. Cat. 3; R62 N; R50 ----- Repr. 1B _ H360D Repr. 2 _ H361f Aquatic Acute 1 _ H400

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification: Repr. Cat. 2; R61-62 , Xn; R20/21 , Xi; R38

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards:

Reproductive toxicity - Unborn Child - Category 1A - Danger (CLP: Repr. 1A) H360

Reproductive toxicity - Fertility - Category 2 - Warning (CLP: Repr. 2) H361

Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -
Category 3 - Warning (CLP: STOT SE 3) H335

Skin irritation - Category 2 - Warning (CLP: Skin Corr. 2) H315

Acute toxicity, dermal - Category 4 - Warning (CLP: Acute Tox. 4) H312

Acute toxicity, Inhalation - Category 4 - Warning (CLP: Acute Tox. 4) H332

Label elements

Labelling EC 67/548 or EC 1999/45

R Phrase(s):

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R61: May cause harm to the unborn child.

Section 3: Hazards Identification (Continued)

R62: Possible risk of impaired fertility.

S Phrase(s):

S4: Keep away from living quarters.

S24: Avoid contact with skin.

S28: After contact with skin, wash immediately with

S35: This material and its container must be disposed of in a safe way.

S36/37: Wear suitable protective clothing and gloves.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

S53: Avoid exposure - obtain special instructions before use.

S59: Refer to manufacturer/supplier for information on recovery/recycling.

Contains: Xylene - Dibutyl phthalate.

Labelling Regulation EC 1272/2008 (CLP)

Hazard statements:

H360D: May damage the unborn child.

H361f: Suspected of damaging fertility.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

Precautionary statements

General: P201: Obtain special instructions before use.

Prevention:

P280: Wear protective gloves, protective clothing, eye protection, face protection.

P271: Use only outdoors or in a well-ventilated area.

P261: Avoid breathing dust, fume, gas, mist, vapours, and spray.

P264: Wash thoroughly after handling.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P308+P313: If exposed or concerned: get medical advice.

P332+P313: If skin irritation occurs: Get medical advice.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P363: Wash contaminated clothing before reuse.

Storage:

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

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Section 3: Hazards Identification (Continued)

P405: Store locked up.

Disposal considerations:

P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special labelling:

Restricted to professional users. (Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008)

Contains: Xylene - Dibutyl phthalate

Other hazards:

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 4: First Aid Measures

Description of first aid measures

Inhalation:

Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin contact:

Wash contaminated clothing before reuse. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. If skin irritation occurs: Remove/ Take off immediately all contaminated clothing. Wash with plenty of soap and water. Get medical advice.

Eye contact:

Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Rinse cautiously with water for several minutes. Get medical advice. If eye irritation persists: Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion:

Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

Section 4: First Aid Measures (Continued)

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Danger of serious damage to health by prolonged exposure through inhalation. May damage the unborn child. Suspected of damaging fertility. Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. May cause damage to organs.

Indication of any immediate medical attention and special treatment needed

General information: Never give anything by mouth to an unconscious person. If exposed or concerned: get medical advice.

Section 5: Fire and Explosion Data

Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area. Avoid breathing dust, fume, gas, mist, vapours, and spray.

Section 6: Accidental Release Measures (Continued)

Technical measures: Use special care to avoid static electric charges.

Special precautions: Remove ignition sources. No naked lights. No smoking.

For non-emergency personnel: Evacuate unnecessary personnel.

Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

Methods and material for containment and cleaning up

Clean up methods: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Personal protection: Do not breathe dust, fume, gas, mist, vapours, and spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Handling:

Handle empty containers with care because residual vapours are flammable. Wash thoroughly after handling. Wash thoroughly after handling. Take precautionary measures against static discharge. Obtain special instructions before use. Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapours, and spray. Wash thoroughly after handling. Wash thoroughly after handling. Wash thoroughly after handling.

Technical protective measures:

Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, ventilating, lighting... equipment. Use only non-sparking tools.

Special precautions:

No naked lights. No smoking. Avoid breathing dust, fume, gas, mist, vapours, and spray.

Section 7: Handling and Storage (Continued)

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Keep container tightly closed. Ground/bond container and receiving equipment.

Storage - away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight. Heat sources.

Specific end use(s): None.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection: Avoid all unnecessary exposure.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Chemical goggles or safety glasses.

Others: When using, do not eat, drink or smoke.

Section 9: Physical and Chemical Properties

Physical state at 20 °C	: Liquid.
Colour	: Colorless
Odour	: Characteristic.
Odour threshold	: No data available.
Molecular Weight	: 197.19 g/mole
pH value	: No data available.

Section 9: Physical and Chemical Properties (Continued)

Melting point [°C]	: No data available.
Decomposition point [°C]	: Not Available.
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Flammable. Flammable liquid and vapour.
Flash point [°C]	: 24°C
Boiling point [°C]	: Not Available.
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: Not Available.
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: Not Available.
Vapour density	: Not Available.
Density [g/cm ³]	: Not Available.
Relative density, gas (air=1)	: Not Available.
Relative density, liquid (water=1)	: Not Available.
Solubility in water [% weight]	: Not Available.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: 6 to7
Viscosity at 40°C [mm ² /s]	: No data available.

Section 10: Stability and Reactivity Data

Reactivity

Reactivity: Not established.

Chemical stability

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions: Not established.

Conditions to avoid

Conditions to avoid: Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

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Section 10: Stability and Reactivity Data (Continued)

Incompatible materials

Materials to avoid: Strong acids. Strong bases.

Hazardous decomposition products

Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.
May release flammable gases.

Section 11: Toxicological Information

Information on toxicological effects

Toxicity information: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

Acute toxicity

Inhalation: Harmful if inhaled.

Dermal: Harmful in contact with skin.

Ingestion: Based on available data, the classification criteria are not met.

Corrosion: Based on available data, the classification criteria are not met.

Irritation: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: May damage the unborn child. Suspected of damaging fertility.

STOT-single exposure: Causes damage to organ. Causes damage to organ. Causes damage to organ.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

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Section 12: Ecological Information

Toxicity

Toxicity information: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations. Very toxic to aquatic life.

Persistence - degradability

Persistence - degradability: Biodegradable.

Bioaccumulative potential

Bioaccumulative potential: Not established.

Mobility in soil

Mobility in soil: Not established.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Other adverse effects

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

Waste treatment methods

General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions:

Handle empty containers with care because residual vapours are flammable.

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Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: XYLENES
UN N°: 1307
H.I. nr: 33
ADR - Class: 3
Labelling - Transport: 3 : Flammable liquid.
ADR - Group: II

Sea transport (IMDG) [English only]

Proper shipping name: XYLENES
UN N°: 1307
IMO-IMDG - Class or division: 3 : Flammable liquid.
IMO-IMDG - Packing group: II

Air transport (ICAO-IATA) [English only]

Proper shipping name: XYLENES
UN N°: 1307
IATA - Class or division: 3 : Flammable liquid.
IATA - Packing group: II

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Safety, health and environmental regulations/legislation specific for the substance or mixture:

Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII:

With the exception of those listed below:

The components of this product are not subject to restrictions.

Dibutyl phthalate: Annex XVII

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Section 15: Other Regulatory Information (Continued)

REACH Authorisation - Annex XIV:

With the exception of those listed below:

The components of this product are not subject to authorization.

Dibutyl phthalate: Annex XIV

Dibutyl phthalate: Annex XIV

Chemical Safety Assessment

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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