

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

## MATERIAL SAFETY DATA SHEET (MSDS)

### D.P.X MOUNTANT (FOR MICROSCOPY)

#### 1. Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Trade name : D.P.X MOUNTANT (FOR MICROSCOPY)

Product code : SI0303200500  
 Cas No:130-12-2

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Industrial. For professional use only.

##### 1.3. Details of the supplier of the safety data sheet

Company identification : SUVCHEM  
 Chaitanya Tower, 2nd Floor, Office # 206,  
 Siddharth Nagar, S.V. Road,  
 Goregaon (West), Mumbai - 400062,  
 Maharashtra, India.  
 Contact: +91 22 28725393 / 94 / 95  
 Email ID: info@suvchem.com/care@suvchem.com

##### 1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [ Office hours ]

#### 2. Hazards identification -DSD

##### 2.1. 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

##### 2.2. Label elements

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### D.P.X MOUNTANT (FOR MICROSCOPY)

#### 2. Hazards identification -DSD (continued)

##### Labelling EC 67/548 or EC 1999/45

##### Symbol(s)



##### Symbol(s)

: T : Toxic

##### 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.

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 pictograms



##### Signal words

: Danger

##### 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, 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

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## MATERIAL SAFETY DATA SHEET (MSDS)

### D.P.X MOUNTANT (FOR MICROSCOPY)

#### 2. Hazards identification -DSD (continued)

- comfortable for breathing.  
 P363: Wash contaminated clothing before reuse.
- **Storage** : P403+P233: Store in well-ventilated place. Keep container tightly closed.  
 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

#### 2.3. Other hazards

- 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.

#### 3. Composition/information on ingredients

- Substance / Preparation** : Preparation.  
**Hazardous component(s)** : This product is hazardous.

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 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

#### 4. First aid measures

##### 4.1. 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.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**4. First aid measures (continued)**

**Ingestion** : Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

**4.2. 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.

**4.3. 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.

**5. Fire-fighting measures**
**5.1. 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.

**5.2. Special hazards arising from the substance or mixture**

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

**5.3. 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.

**6. Accidental release measures**
**6.1. 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, spray.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**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.

**6.2. 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.

**6.3. 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.

**6.4. Reference to other sections**

See section 8. Exposure controls/personal protection

**7. Handling and storage**
**7.1. Precautions for safe handling**

- Personal protection** : Do not breathe dust, fume, gas, mist, vapours, 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, 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, spray.

**7.2. 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.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**7. Handling and storage (continued)**
**7.3. Specific end use(s).**

Specific end use(s) : None.

**8. Exposure controls/personal protection**
**8.1. Exposure controls**
**Personal protection**

**Personal protection**
**• Respiratory protection**

: Avoid all unnecessary exposure.

: 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.

**8.2. Control parameters**
**Occupational Exposure Limits**

: No data available.

**Occupational Exposure Limits**

 : Xylene : ILV (EU) - 8 H - [mg/m<sup>3</sup>] : ( 221 Skin. )  
 Xylene : ILV (EU) - 8 H - [ppm] : ( 50 Skin. )  
 Xylene : ILV (EU) - 15 min - [mg/m<sup>3</sup>] : ( 442 Skin. )  
 Xylene : ILV (EU) - 15 min - [ppm] : ( 100 Skin. )  
 Xylene : HTP-vården - 8 H - [ppm] : 50  
 Xylene : HTP-vården - 15min - [ppm] : 100  
 Xylene : HTP-vården - 8 H - [mg/m<sup>3</sup>] : 220  
 Xylene : HTP-vården - 15min - [mg/m<sup>3</sup>] : 440  
 Xylene : NGV - [ppm] : 50  
 Xylene : NGV - [mg/m<sup>3</sup>] : 200  
 Xylene : KTV - [ppm] : 100  
 Xylene : KTV - [mg/m<sup>3</sup>] : 450  
 Xylene : VLA-ED [ppm] : 50  
 Xylene : VLA-ED [mg/m<sup>3</sup>] : 221  
 Xylene : VLA-EC [ppm] : 100  
 Xylene : VLA-EC [mg/m<sup>3</sup>] : 442

**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**9. Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state at 20 °C	: Liquid.
Colour	: Colorless
Odour	: Characteristic.
Odour threshold	: No data available.
pH value	: No data available.
Melting point [°C]	: No data available.
Decomposition point [°C]	: N/A
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]	: N/A
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: N/A
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: N/A
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: 6 to7
Viscosity at 40°C [mm <sup>2</sup> /s]	: No data available.

**9.2. Other information**

Explosive properties	: N/A
Explosion limits - upper [%]	: No data available.
Explosion limits - lower [%]	: No data available.
Oxidising properties	: No data available.



**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**10. Stability and reactivity**
**10.1. Reactivity**

**Reactivity** : Not established.

**10.2. Chemical stability**

**Chemical stability** : Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions** : Not established.

**10.4. Conditions to avoid**

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

**10.5. Incompatible materials**

**Materials to avoid** : Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

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

**11. Toxicological information**
**11.1. 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.



**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**11. Toxicological information (continued)**

<b>Toxic for reproduction</b>	: May damage the unborn child. Suspected of damaging fertility.
<b>STOT-single exposure</b>	: Causes damage to organ. Causes damage to organ. Causes damage to organ.
<b>STOT-repeated exposure</b>	: Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	: Based on available data, the classification criteria are not met.

**12. Ecological information**
**12.1. Toxicity**

<b>Toxicity information</b>	: 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.
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**12.2. Persistence - degradability**

<b>Persistence - degradability</b>	: Biodegradable.
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**12.3. Bioaccumulative potential**

<b>Bioaccumulative potential</b>	: Not established.
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**12.4. Mobility in soil**

<b>Mobility in soil</b>	: Not established.
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**12.5. Results of PBT and vPvB assessment**

<b>Results of PBT and vPvB assessment</b>	: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.
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**12.6. Other adverse effects**

<b>Environmental precautions</b>	: Avoid release to the environment.
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**13. Disposal considerations**
**13.1. Waste treatment methods**

<b>General</b>	: 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.
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**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**13. Disposal considerations (continued)**

**Special precautions** : Handle empty containers with care because residual vapours are flammable.

**14. Transport information**
**14.1. Land transport (ADR-RID)**

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



**ADR - Classification code** : F1  
   F1  
   F1  
   F1  
**ADR - Group** : II  
**ADR - Packing instructions** : P001 R001  
**ADR - Limited Quantity** : 1 L  
**ADR - Tunnel code**



: D/E : Bulk or tank carriage: Passage forbidden through tunnels of category D and  
 E. Other carriage: Passage forbidden through tunnels of category E.

**14.2. 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  
**IMO-IMDG - Packing instructions** : P001  
**IMO-IMDG - Limited quantities** : 1 L  
**IMO-IMDG - Marine pollution** : No  
**EMS-Nr** : F-E S-D

**14.3. Air transport (ICAO-IATA) [English only]**

**MATERIAL SAFETY DATA SHEET (MSDS)**
**D.P.X MOUNTANT (FOR MICROSCOPY)**
**14. Transport information (continued)**

Proper shipping name	: XYLENES
UN N°	: 1307
IATA - Class or division	: 3 : Flammable liquid.
IATA - Packing group	: II
IATA - Passenger and Cargo Aircraft	: ALLOWED
- Passenger and Cargo - Packing instruction	: 353
- Passenger and Cargo - Maximum Quantity/Packing	: 5 L
IATA - Cargo only	: ALLOWED
- Cargo only - Packing instruction	: 364
- Cargo only - Maximum Quantity/Packing	: 60 L
IATA - Limited Quantities	: 1 L
ERG-Nr	: 3L

**15. Regulatory information**
**15.1. 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
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

**15.2. Chemical Safety Assessment**

Chemical Safety Assessment	: It has not been carried out.
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**16. Other information**

Revision	: Revision - See : *
Abbreviations and acronyms	: PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative
Sources of key data used	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**MATERIAL SAFETY DATA SHEET (MSDS)**

**D.P.X MOUNTANT (FOR MICROSCOPY)**

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation 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.

**End of document**