Material Safety Data Sheet

D.P.X MOUNTANT FOR MICROSCOPY (RXSOL-60-6604-404)

1. Product and Company Identifaction

Product Name	RXSOL-60-6604-404
Product Type	D.P.X. MOUNTANT FOR MICROSCOPY
Revised date	

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

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2. Composition / informationon ingredients

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

Substance name	Contents	CAS No
Xylene :	> 50 75 %	1330-20-7
Dibutyl phthalate :	> 10 15 %	84-74-2

3. Hazards Identification

3.1. 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
3.2. Label elements
Labelling EC 67/548 or EC 1999/45
Symbol(s) : T : Toxic
R Phrase(s) : R10 : Flammable.
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.
S23: Do not breath gas/fumes/vapour/spray (Appropriate wording to be specified by the manufacturer).
S24/25 : Avoid contact with skin and eyes.
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.
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 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.
3.3. 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.

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.
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
If you feel unwell, seek medical advice (show the label where possible).
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.
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 nonsparking 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.
7.3. Specific end use(s)
Specific end use(s) : None..

8. Exposure controls and personal protection

8.1. Exposure controls
Personal protection
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.
8.2. Control parameters
Occupational Exposure Limits : No data available.
Occupational Exposure Limits : Xylene : ILV (EU) - 8 H - [mg/m³] : (221 Skin.)
Xylene : ILV (EU) - 8 H - [ppm] : (50 Skin.)
Xylene : ILV (EU) - 15 min - [mg/m³] : (442 Skin.)
Xylene : ILV (EU) - 15 min - [ppm] : (100 Skin.)
Xylene : HTP-värden - 8 H - [ppm] : 50
Xylene : HTP-värden - 15min - [ppm] : 100
Xylene : HTP-värden - 8 H - [mg/m³] : 220
Xylene : HTP-värden - 15min - [mg/m³] : 440
Xylene : NGV - [ppm] : 50
Xylene : NGV - [mg/m³] : 200
Xylene : KTV - [ppm] : 100
Xylene : KTV - [mg/m³] : 450
Xylene : VLA-ED [ppm] : 50
Xylene : VLA-ED [mg/m³] : 221
Xylene : VLA-EC [ppm] : 100
Xylene : VLA-EC [mg/m³] : 442

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state at 20 °C : Liquid.
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/cm3] : 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 [mm2/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

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
. 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.

12. Ecological information

12.1. 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.
12.2. Persistence - degradability
Persistence - degradability : Biodegradable
. 12.3. Bioaccumulative potential Bioaccumulative potential
: Not established.
12.4. Mobility in soil
Mobility in soil : Not established.
12.5. 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.
12.6. Other adverse effects
Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. 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.

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
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]
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 : 353
instruction
- Passenger and Cargo - Maximum : 5 L
Quantity/Packing
IATA - Cargo only : ALLOWED
- Cargo only - Packing instruction : 364
- Cargo only - Maximum Quantity/ : 60 L
Packing
IATA - Limited Quantites : 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
Safety Assessment : It has not been carried out.

16. Other information

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
Further information : None.
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