

EMS CATALOG NO: 13510-13512
EMS PRODUCT: DPX Mountants
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MATERIAL SAFETY DATA SHEET

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FOR PRODUCT AND SALES INFORMATION

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PRODUCT IDENTIFICATION

PRODUCT NAME: DPX Mountant For Histology

CHEMICAL CHARACTERIZATION: Solution in organic solvent.

HAZARDOUS INGREDIENTS: Xylene, mixture of isomers >50%
CAS NO.: 1330-20-7 EEC-No:
SYMBOL: Xn
R-phrases: R10-20/21-38

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Toxic. Flammable. Possible risk of impaired fertility. May cause harm to the unborn child.
Harmful by inhalation and in contact with skin. Irritating to respiratory system and skin.
Risk of serious damage to eyes. Flammable.

FIRST AID MEASURES

EYE CONTACT: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.

INHALATION: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

SKIN CONTACT: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

INGESTION: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

FIRE-FIGHTING MEASURES

SPECIAL RISKS: Flammable.

SUITABLE EXTINGUISHING MEDIA: Foam, dry powder, carbon dioxide or vaporizing liquids. For large fires, apply water from as far as possible. Use very large quantities (flooding) Of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected Containers with flooding quantities of water. Wear protective equipment.

ACCIDENTAL RELEASE MEASURES

Evacuate area, Shut off all sources of ignition. Wear appropriate protective clothing. Use nonsparking tools. Absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

STORAGE AND HANDLING

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture heat, sparks and open flame.

EXPOSURE CONTROLS/PERSONAL PROTECTION

As appropriate to quantity handled.

RESPIRATOR: Self-contained breathing apparatus.
VENTILATION: Fume-cupboard, flameproof.
GLOVES: Nitrile.
EYE PROTECTION: Goggles or face shield.
OTHER PRECAUTIONS: Plastic apron, sleeves, boots - if handling large quantities.

PHYSICAL/CHEMICAL DATA

FORM: Viscous
COLOR: Colorless liquid
ODOR: of xylene.
MELTING POINT: N/A
BOILING POINT: N/A
DENSITY (g/ml): N/A
SOLUBILITY IN WATER: Immiscible or insoluble.

VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
FLASH POINT: 25°C
EXPLOSION LIMITS: Lower: 1.1% Upper: 7%
IGNITION TEMPERATURE: 465°C

STABILITY/REACTIVITY

STABILITY: Stable
UNSUITABLE WORKING MATERIALS: Light metals, rubber, various plastics.
SUBSTANCES TO BE AVOIDED: Strong oxidizing agents, conc. sulfuric acid, nitric acid.

TOXICOLOGICAL INFORMATION

Inhalation may lead to the formation of oedemas in the respiratory tract. Danger of skin absorption.

AFTER ABSORPTION OF TOXIC QUANTITIES: Drowsiness, dizziness, euphoria, excitation, spasms, in certain circumstances narcosis. Effect potentiated by ethanol.

AFTER SKIN CONTACT: Irritation.

AFTER EYE CONTACT: Irritation.

Degreasing effect on the skin, possibly followed by secondary inflammation.

FURTHER DATA:

No data.

No evidence of carcinogenic properties.

No evidence of mutagenic or teratogenic effects.

ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. Do not allow to enter drinking water supplies, waste water, or soil! Risk of formation of explosive vapors above water surface.

TRANSPORT INFORMATION

UN#: 1993 **IMDG CLASS:** 3.3
IMO: 3.3/1993 **PACKAGING GROUP:** III
IATA: 1993 **PACKAGING GROUP:** III
CORRECT TECHNICAL NAME:
ADR/RID:3,31'(c)

REGULATORY INFORMATION

U.S. Federal Regulations
TSCA (Toxic Substance Control Act)
CERCLA (Comprehensive Response Compensation, and Liability Act):
SARA TITLE III (Superfund Amendments and Reauthorization Act):
311/312 Hazard Categories:
313 Reportable Ingredients:
STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

LOCAL REGULATIONS

UK Exposure Limits: OES, Long-term, mg/m³: 435 (Sk) - Xylene, o,m,p or mixed isomers

PLEASE COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING DISPOSAL.