

SAFETY DATA SHEET

DPX MOUNTING MEDIUM

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Compilation date: 29/01/2010

Revision date: 17/07/2014

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: DPX MOUNTING MEDIUM

Product code: D-11601

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

Use of substance / mixture: Microscopy product.

1.3. Details of the supplier of the safety data sheet

Company name: Park Scientific Limited

24 Low Farm Place

Moulton Park

Northampton

Northamptonshire

NN3 6HY

UK

Tel: 01604 646945

Fax: 01604 648241

Email: info@parkscientific.com

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H312; Skin Irrit. 2: H315; Repr. 1B: H360Df; Flam. Liq. 2: H225; STOT RE 2: H373; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Acute Tox. 4: H332; Aquatic Acute 1: H400

Classification under CHIP: F: R11; T: R61; Xn: R62; Xn: R20/21; Xn: R65; Xi: R38; Xn: R48/20

Most important adverse effects: Flammable liquid and vapour. Harmful in contact with skin. Causes skin irritation. Harmful if inhaled. May damage the unborn child. Suspected of damaging fertility. Very toxic to aquatic life.

2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H360Df: May damage the unborn child. Suspected of damaging fertility.

H400: Very toxic to aquatic life.

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Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Precautionary statements: P201: Obtain special instructions before use.

P273: Avoid release to the environment.

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

P308+313: IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

Other hazards: Signal word DANGER H226 Flammable liquid and vapour. H312 Harmful in contact with skin. H315 Causes skin irritation H332 Harmful if inhaled. H360Df- May damage the unborn child. Suspected of damaging fertility. H400 Very toxic to aquatic life.

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: DPX MOUNTING MEDIUM

Contains: Organic solvent

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Quantitative data on the toxicity of this product are not available. Harmful if absorbed through skin.

Eye contact: Causes serious eye irritation / damage.

Ingestion: Quantitative data on the toxicity of this product are not available. May be fatal swallowed.

Inhalation: Quantitative data on the toxicity of this product are not available. Harmful if inhaled.

Delayed / immediate effects: Exposure can cause damage to the: Central nervous system Vomiting.

Headache, Dizziness, Weakness. Tremors. Incoordination. Dermatitis. To the best of our

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knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Water fog. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Keep away from sources of ignition. Avoid contact with skin and eyes. Ensure there is sufficient ventilation of the area. Do not inhale substance. Under no circumstances eat, drink or smoke while handling this material. Pregnant or breastfeeding women must not handle this product

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container

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tightly closed. Keep away from direct sunlight. Avoid contact with water or humidity. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	50ppm(192mg/m ³)	100ppm(384mg/m ³)	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Fume cupboard, flameproof.

Respiratory protection: Half face filtering respirator (EN140).

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Impermeable protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Perceptible odour

Solubility in water: Practically insoluble

Viscosity: Viscous

Flash point°C: 25

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Sources of ignition. Heat. Sparks. Flames. Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Bases. Acids. Nitrates. The possibility of reaction with other substances cannot be excluded

10.6. Hazardous decomposition products

Haz. decomp. products: No further data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Based on test data
Skin corrosion/irritation	DRM	Based on test data
Reproductive toxicity	--	Based on test data
STOT-single exposure	-	Based on test data
STOT-repeated exposure	-	Based on test data
Aspiration hazard	-	Based on test data

Symptoms / routes of exposure

Skin contact: Quantitative data on the toxicity of this product are not available. Harmful if absorbed through skin.

Eye contact: Causes serious eye irritation / damage.

Ingestion: Quantitative data on the toxicity of this product are not available. May be fatal swallowed.

Inhalation: Quantitative data on the toxicity of this product are not available. Harmful if inhaled.

Delayed / immediate effects: Exposure can cause damage to the: Central nervous system Vomiting. Headache, Dizziness, Weakness. Tremors. Incoordination. Dermatitis. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Other information: RTECS: Not available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

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12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Adverse ecological effects cannot be excluded in the event of improper handling or disposal. Do not allow to enter drinking water supplies, waste water, or soil! Risk of formation of explosive vapours above water surface. Very toxic to aquatic life with long lasting effects.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1993

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S.
(Xylene solution)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

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14.6. Special precautions for user

Section 15: Regulatory information

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

Specific regulations: Dibutyl phthalate CAS-NO:84-74-2 Candidate list of substances of Very High Concern for Authorization (article 59) Toxic for reproduction (57a) ED/67/2008

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H360Df: May damage the unborn child. Suspected of damaging fertility.

H400: Very toxic to aquatic life.

R11: Highly flammable.

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

R38: Irritating to skin.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R61: May cause harm to the unborn child.

R62: Possible risk of impaired fertility.

R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.