

Creation Date Oct-2013

Revision Date Oct-2018

Revision Number 2

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identification

Product Description: DPX Moutant
Cat No. : Q18404, Q18404FX
CAS-No 130-12-2

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

Laboratory chemicals.

Uses advised against Industrial for professional use only

1.3. Details of the supplier of the safety data sheet

Company Thermo Fisher Scientific India Pvt. Ltd
403-404, B-wing, Delphi, Hiranandani Business Park
Powai, Mumbai 400076, INDIA.
E-mail address laboratorysolutions@thermofisher.com

1.4. Emergency telephone number

India Toll Free: 18 00 22 22 30
Chemtrec US: (800) 424-9300
Chemtrec EU: 001 (202) 483-7616

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids,
Category 3 H226
Acute toxicity (dermal),
Category 4 H312
Acute toxicity (inhal.),
Category 4 H332
Skin corrosion/irritation,
Category 2 H315
Reproductive toxicity,
Category 1A H360Df
Hazardous to the aquatic
environment — Acute
Hazard, Category 1 H400
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Signal word (CLP)

: Danger

Hazard statements (CLP)

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

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P308+P313 - IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

No additional information available

SECTION 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

SECTION 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.

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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.

SECTION 5: FIREFIGHTING 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.

Extinguishing media which must not be used for safety reasons

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 firefighters

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

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

SECTION 7: HANDLING AND STORAGE

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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

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7.3. Specific end use(s)

Specific end use(s) : None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits

8.1. Exposure controls

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/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

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8.2. Exposure controls

SECTION 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/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.

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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.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not established.

10.2. Chemical stability

Stable under
recommended storage
conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight.
Extremely high or low
temperatures. Open
flame. Overheating.

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.

SECTION 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.

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	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.

SECTION 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.
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12.2. Persistence and degradability

Persistence - degradability	: Biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	: Not established.
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12.4. Mobility in soil

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.
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12.6. Other adverse effects

Environmental precautions	: Avoid release to the environment.
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SECTION 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.
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SECTION 14: TRANSPORT INFORMATION

IMDG/IMO

14.1. UN number UN1307
14.2. UN proper shipping name XYLENES
14.3. Transport hazard class(es) 3
14.4. Packing group III

ADR

14.1. UN number UN1307
14.2. UN proper shipping name XYLENES
14.3. Transport hazard class(es) 3
14.4. Packing group III

IATA

14.1. UN number UN1307
14.2. UN proper shipping name XYLENES
14.3. Transport hazard class(es) 3
14.4. Packing group III

14.5. Environmental hazards Dangerous for the environment
Product is a marine pollutant according to the criteria set by IMDG/IMO

14.6. Special precautions for user No special precautions required

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable, packaged goods

SECTION 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

SECTION 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

Creation Date Oct-2013
Next Revision Date Oct-2023
Revision Summary SDS section 1 updated and update of Format

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This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet