



## 5254 DPX, \*mounting medium fast (toluene base)

### 1. Identification of the substance/preparation and of the company or firm

#### 1.1 Identification of the substance or preparation

Name:

DPX, \*mounting medium fast (toluene base)

**Synonym:**

**REACH Registration Number:** A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) N° 1907/2006, the annual tonnage does not require a registration, the registration is envisaged for a later registration deadline or it is a mixture.

#### 1.2 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

#### 1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: [product.safety@panreac.com](mailto:product.safety@panreac.com)

#### 1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

### 2. Identification of dangers

Classification of the substance or the mixture.

**Classification Regulation (CE) n° 1272/2008.**

Flam. Liq. 2

Acute Tox. 4

Acute Tox. 4

Eye Irrit. 2

STOT SE 3

Skin Irrit. 2

## Hazard Pictograms



## Signal word

Danger

## Hazard statements

H225 Highly flammable liquid and vapour.  
H332 Harmful if inhaled.  
H312 Harmful in contact with skin.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H315 Causes skin irritation.

## Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
P242 Use only non-sparking tools.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

## Classification (67/548/CEE or 1999/45/CE).

<b>Xn</b> Harmful	R36/37/38
<b>F</b> Highly flammable	R20/21
	R10

For the full text of the R-phrases mentioned in this section, see section 16.

## 3. Component Composition/Information

Name: DPX, \*mounting medium fast (toluene base)

### Composition:

#### 0001: Xylene, \*mixture of isomers

Formula: C<sub>8</sub>H<sub>10</sub> M.= 106,17 CAS [1330-20-7]  
EC number (EINECS): 215-535-7  
EC index number: 601-022-00-9  
REACH Registration Number: 01-2119488216-32-XXXX

**Content:** >= 15 % <= 30 %

## Classification Regulation (CE) nº 1272/2008.

Flam. Liq. 3  
Acute Tox. 4  
Acute Tox. 4  
Skin Irrit. 2

### Hazard Pictograms



### Signal word

Warning

### Hazard statements

H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.

### Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
P242 Use only non-sparking tools.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash...thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P321 Specific treatment (see on this label).  
P322 Specific measures (see on this label).  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use for extinction.  
P403+P235 Store in a well-ventilated place. Keep cool.

### Classification (67/548/CEE or 1999/45/CE).

**Xn** Harmful

**R38** Irritating to skin.

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

**R10** Flammable.

## 0002: Toluene

Formula: C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub> M.= 92,14 CAS [108-88-3]  
EC number (EINECS): 203-625-9  
EC index number: 601-021-00-3  
REACH Registration Number: 01-2119471310-51-XXXX

**Content:** >= 40 % <= 60 %

### Classification Regulation (CE) n° 1272/2008.

Flam. Liq. 2  
Skin Irrit. 2  
Repr. 2  
Asp. Tox. 1  
STOT SE 3

### Hazard Pictograms



### Signal word

Danger

### Hazard statements

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H373 May cause damage to organs <or state all organs affected, if known>  
through prolonged or repeated exposure <state route of exposure if it is  
conclusively proven that no other routes of exposure cause the hazard>.  
H361d Suspected of damaging the unborn child.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.

### **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash...thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P314 Get medical advice/attention if you feel unwell.  
P321 Specific treatment (see on this label).  
P331 Do NOT induce vomiting.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P370+P378 In case of fire: Use for extinction.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

### **Classification (67/548/CEE or 1999/45/CE).**

<b>F</b> Highly flammable	<b>R11</b> Highly flammable.
<b>Xn</b> Harmful	<b>R38</b> Irritating to skin.
	<b>R48/20</b> Harmful: danger of serious damage to health by prolonged exposure through inhalation.
	<b>R63</b> Possible risk of harm to the unborn child.
	<b>R65</b> Harmful: may cause lung damage if swallowed.
	<b>R67</b> Vapours may cause drowsiness and dizziness.

## **4. First aid**

### **4.1 General indications:**

Never provide drink or induce vomiting in the event of loss of consciousness.

### **4.2 Inhaling:**

Take the person out into the fresh air.

### **4.3 Contact with the skin:**

Wash with plenty of water. Remove contaminated clothing.

### **4.4 Eyes:**

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. Seek medical assistance.

### **4.5 Swallowing:**

Seek medical assistance. Laxatives: sodium sulphate (1 soup-spoonful in 250 ml of water). Administer Vaseline oil as a laxative (3 ml/kg). Do not administer digestive oils. Do not drink milk. Do not drink ethyl alcohol.

## **5. Fire-fighting means**

### **5.1 Suitable fire-extinguishing means:**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder.

### **5.2 Fire-fighting means which must NOT be used:**

No specific data.

### **5.3 Special risks:**

Flammable. Keep away from sources of ignition. The fumes are heavier than air, so they may spread at floor level. May form explosive mixtures with the air.

### **5.4 Protective equipment:**

Suitable clothing and footwear.

## **6. Measures to be taken in the event of accidental spillage**

### **6.1 Individual precautions:**

Do not inhale the fumes.

### **6.2 Precautions for care of the environment:**

Avoid pollution of the soil, water supplies and drains.

### **6.3 Methods for collection/cleaning:**

Collect up with absorbent materials (Panreac General Absorbent, Kieselguhr, etc.) or, if none available, dry sand or earth, and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

## **7. Handling and storage**

### **7.1 Handling:**

Avoid the formation of electrostatic charges. No special indications.

### **7.2 Storage:**

Well sealed containers. In well ventilated premises. Away from sources of ignition and heat. Do not store in plastic containers.

## **8. Staff exposure/protection controls**

### **8.1 Technical protective measures:**

Ensure good ventilation and renewal of the air in the premises.

## **8.2 Exposure limit control:**

VLA-ED: 191 mg/m<sup>3</sup> dermal resorption

## **8.3 Respiratory protection:**

In the event of fumes forming/aerosols, use suitable respiratory protection. Filter A. Filter P.

## **8.4 Hand protection:**

Use suitable gloves nitrile

## **8.5 Eye protection:**

Use suitable goggles.

## **8.6 Individual hygiene measures:**

Remove contaminated clothing. Use suitable work clothing. Wash hands and face before breaks and when the job is done.

## **8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

# **9. Physical and chemical properties**

Appearance: liquid

Colour:

N/A

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: N/A

Initial boiling point and boiling range:

N/A

Flash point: 12 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density: (20/4) 0,945

Solubility: Miscible with xylene. Immiscible with ethanol

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature:

N/A

Decomposition temperature: N/A

Viscosity: N/A

# **10. Stability and reactivity**

## **10.1 Conditions which should be avoided:**

High temperatures.

## **10.2 Matter which should be avoided:**

Halogen halides. Nitrogen oxides. Nitrogen organic compounds. Oxidant agents. Nitric acid. Sulphur. Rubber.

## **10.3 Hazardous decomposition products:**

No specific data.

## **10.4 Complementary information:**

No specific data.

## **11. Toxicological information**

### **11.1 Acute toxicity:**

LD50 oral rat : 636 mg/kg

LC50 inh rat : 30 mg/l 4h

### **11.2 Dangerous effects for health:**

If fumes inhaled: Irritations to the respiratory tracts. Due to absorption: Systemic effects: effects on the central nervous system intoxication spasms loss of consciousness respiratory paralysis cardiovascular failure If swallowed: vomiting Risk of aspiration upon vomiting. Absorption Upon contact with the skin: irritations Following prolonged contact with the product. dermatitis Can have a demoiaturizing effect on the skin, with the risk of secondary infection. Risk of cutaneous absorption. Through contact with the eyes: Irritations to the mucosae No damage is anticipated to the foetus, provided the VLA values are respected (maximum admissible concentration in the workplace).

## **12. Environmental information**

### **12.1 Toxicity:**

12.1.1 - EC50 test (mg/l):

Bacteria (Photobacterium phosphoreum) 18 mg/l

Classification:

Extr. toxic

Algae (Sc. quadricauda) 120 mg/l

Classification:

Highly toxic

Crustaceans (Daphnia magna) 60 mg/l

Classification:

Extr. toxic

Fish (Leuciscus Idus) 70 mg/l

Classification:

Extr. toxic

Fish (Salmo gairdneri) 58 mg/l

Classification:

Extr. toxic

12.1.2. - Receptor medium:

Risk for the water environment

High

Risk for the land environment Medium

12.1.3. - Observations:

Extremely toxic in water environments.

## **12.2 Persistence and Degradability :**

12.2.1 - Test:

12.2.2. - Biotic degradation classification:

BOD5 0,86 g/g

BOD5/COD

Biodegradability

DOC 0,7 g/g

12.2.3. - Abiotic degradation depending on pH:

ThOD 3,13 g/100 ml

12.2.4. - Observations:

Low biodegradability product.

## **12.3 Bioaccumulative potential:**

12.3.1. - Test:

12.3.2. - Bioaccumulation:

Risk

12.3.3. - Observations:

Data not available.

## **12.4 Mobility in soil :**

Repartition:  $\log P(\text{oct}) = 2.69$

## **12.5 Assessment PBT and MPMB :**

Data not available.

## **12.6 Other possible effects on the environment:**

Pollutant product.

Do not allow it to enter soils or water channels.

DATA BASED on the components of the preparation.

(Major component:

toluene).

## **13. Considerations regarding elimination**

### **13.1 Substance or preparation:**

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

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### **13.2 Contaminated containers:**

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

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## **14. Information concerning transport**

Overland (ADR):

Technical name: FLAMMABLE LIQUID, TOXIC, N.O.S.

UN 1992 Class: 3 6.1 Packaging group: II (D/E)

By sea (IMDG):

Technical name: FLAMMABLE LIQUID, TOXIC, N.O.S.

UN 1992 Class: 3 6.1 Packaging group: II

By air (ICAI-IATA):

Technical name: Flammable liquid, toxic, n.o.s.

UN 1992 Class: 3 6.1 Packaging group: II

Packaging instructions: CAO 364 PAX 352

## 15. Regulatory information

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

## 16. Other information

### Other precautionary statements

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash...thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P321 Specific treatment (see on this label).

P322 Specific measures (see on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use for extinction.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

### Labelling (65/548/CEE or 1999/45/CE)

R-phrase(s): **R36/37/38** Irritating to eyes, respiratory system and skin.  
**R20/21** Harmful by inhalation and in contact with skin.  
**R10** Flammable.

S-phrase(s): **S45** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
**S33** Take precautionary measures against static discharges.  
**S25** Avoid contact with eyes.  
**S16** Keep away from sources of ignition - No smoking.

Review number and date: 3 3.11.10

Date published: 3.11.10

In respect of the previous review, changes have been made to the following sections: 2, 3, 15

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.