

Infosafe No™ 1CH2F      Issue Date : October 2020      RE-ISSUED by CHEMSUPP

Product Name **DPX NEUTRAL MOUNTING MEDIUM**

Classified as hazardous

## 1. Identification

**GHS Product Identifier**      DPX NEUTRAL MOUNTING MEDIUM

**Company Name**      CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)

**Address**      38 - 50 Bedford Street GILLMAN  
SA 5013 Australia

**Telephone/Fax Number**      Tel: (08) 8440-2000

**Emergency phone number**      CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

**E-mail Address**      www.chemsupply.com.au

**Recommended use of the chemical and restrictions on use**      For use as a coverslipping medium.

<b>Other Names</b>	<u>Name</u>	<u>Product Code</u>
	DPX NEUTRAL MOUNTING MEDIUM	DL028

### Other Information

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

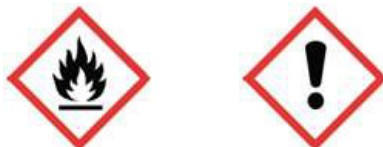
## 2. Hazard Identification

**GHS classification of the substance/mixture**      Acute Toxicity - Inhalation: Category 4  
Acute Toxicity - Oral: Category 4  
Eye Damage/Irritation: Category 2A  
Flammable Liquids: Category 2  
Skin Corrosion/Irritation: Category 2  
STOT Single Exposure: Category 3 (respiratory tract irritation)

**Signal Word (s)**      DANGER

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

**Pictogram (s)**      Flame, Exclamation mark



### Precautionary statement – Prevention

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.

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P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash contacted areas thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P362 Take off contaminated clothing and wash before reuse.  
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.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P370 + P378 In case of fire: Use carbon dioxide (CO2), dry chemical, regular foam extinguishing agent or water spray for extinction.

**Precautionary statement – Storage**

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.

**Precautionary statement – Disposal**

P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

### 3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Xylene	1330-20-7	65 %
	Ethylbenzene	100-41-4	15 %
	Non-hazardous ingredients	-	

### 4. First-aid measures

**Inhalation** If symptoms of poisoning become evident, contact a Poisons Information Centre, or call a doctor at once. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. DO NOT allow victim to move about unnecessarily. Symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.  
Medical Conditions Aggravated by Exposure  
Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Central nervous system (CNS).

**Ingestion** If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.  
Advice to Doctor Treat symptomatically based on judgement of doctor and individual reactions of patient. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal. Potential for cardiac sensitisation, particularly in abuse situations. Hypoxia or negative inotropes may enhance these effects.  
Consider: oxygen therapy.

**Skin** Quickly and gently blot away excess liquid. Wash gently and thoroughly with warm water (use nonabrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard.

**Eye contact** Quickly and gently blot material from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

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<b>First Aid Facilities</b>	Maintain eyewash fountain and drench facilities in work area.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of the patient.

## 5. Fire-fighting measures

<b>Hazards from Combustion Products</b>	Carbon monoxide, carbon dioxide, reactive hydrocarbons, aldehydes.
<b>Specific Methods</b>	Caution: Use of water spray when fighting fire may be inefficient. Small fire: Use foam, dry chemical, CO2 or water spray. Large fire: Use foam, fog or water spray - Do NOT use water jets. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out. Avoid getting water inside the containers.
<b>Specific hazards arising from the chemical</b>	HIGHLY FLAMMABLE: These products have a low flash point. Will be easily ignited by heat, sparks or flames. Vapours will form explosive mixtures with air. Vapours will travel to source of ignition and flash back. Most vapours are heavier than air and will collect in low or confined areas (drains, basements, tanks). Many liquids are lighter than water. Containers may explode when heated. Fire will produce irritating, poisonous and/or corrosive gases. Vapours from run-off may create an explosion hazard.
<b>Hazchem Code</b>	3Y
<b>Precautions in connection with Fire</b>	SCBA and structural firefighter's uniform may provide limited protection. Fully encapsulating, gas-tight suits should be worn for maximum protection.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 50m. All equipment in handling this product must be earthed. Do NOT touch or walk through this product. Stop leak if safe to do so. Prevent entry into waterways, drains, confined areas. Vapour suppressing foam may be used to control vapours. Water spray may be used to knock down or divert vapours. Absorb spill with earth, sand or other non-combustible material. Use clean, non-sparking tools to collect material and place it in loosely-covered metal or plastic containers for later disposal. SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.
<b>Personal Precautions</b>	Evacuate the area of all non-essential personnel. Avoid inhalation, contact with skin, eyes and clothing. Use in ventilated areas or in fumehood.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods - Small Spillages</b>	Absorb or contain liquid with sand, earth or spill control material. Shovel up using non sparking tools and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid generating and inhaling vapour/mist.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Store away from acids. Store away from foodstuffs. Store in well ventilated area. Keep containers securely sealed and protected against physical damage.
<b>Storage Regulations</b>	Refer Australian Standard AS 1940-2017 'The storage and handling of flammable and combustible liquids'.

## 8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	

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	Xylene	655	150	350	80	
						Xylene (o-, m-, p- isomers)
	Ethylbenzene	543	125	434	100	
<b>Other Exposure Information</b>	<p>These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. The STEL is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.</p>					
<b>Appropriate engineering controls</b>	<p>Maintain concentration below recommended exposure limit. Use with local exhaust ventilation or while wearing appropriate respirator.</p>					
<b>Respiratory Protection</b>	<p>An approved respirator must be worn if the occupational exposure limit is likely to be exceeded. If significant mists, vapours or aerosols are generated an approved respirator is recommended, selected and used in accordance with AS/NZS 1715 and AS/NZS 1716. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.</p>					
<b>Eye Protection</b>	<p>The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.</p>					
<b>Hand Protection</b>	<p>Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments. Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Dispose of gloves as hazardous waste.</p>					
<b>Personal Protective Equipment</b>	<p>Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.</p>					
<b>Footwear</b>	<p>Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.</p>					
<b>Body Protection</b>	<p>Clean impervious clothing should be worn, preferably with an apron for extra protection. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.</p>					
<b>Hygiene Measures</b>	<p>Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.</p>					

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Viscous, colourless oily liquid.
<b>Odour</b>	Strong solvent odour.
<b>Boiling Point</b>	137 - 143 °C
<b>Solubility in Water</b>	Insoluble.
<b>Specific Gravity</b>	0.95
<b>Vapour Pressure</b>	5.2 kPa @ 38°C

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**Partition Coefficient:** 3.20  
n-octanol/water  
**Flash Point** 29 °C.  
**Flammability** Flammable liquid.  
**Auto-Ignition Temperature** 465 °C.  
**Flammable Limits - Lower** 1.0%  
**Flammable Limits - Upper** 7.1%  
**Relative Evaporation Rate** Evaporation Rate 0.7 Butyl Acetate = 1

## 10. Stability and reactivity

**Chemical Stability** Stable under normal use conditons. Reacts with strong oxidising agents.  
**Conditions to Avoid** Heat, flames, ignition sources and incompatibles.  
**Incompatible Materials** Some strong acids, acetic acid, nitric acid, conc. sulfuric acid, oxidizing agents, chlorine, bromine, fluorine, alkalis, UF6, sulfur, 1,3-dichloro-5,5-dimethyl-2,4-imidazolidindione dichlorohydrantoin).  
**Hazardous Decomposition Products** Carbon monoxide, carbon dioxide, reactive hydrocarbons, aldehydes.  
**Possibility of hazardous reactions** Reaction with strong oxidizing agents increases risk of fire and explosion. Reaction with nitric acid can be explosive.

## 11. Toxicological Information

**Acute Toxicity - Oral** LD50 >2000 mg/kg, Rat  
**Acute Toxicity - Inhalation** LC50 > 20mg/L / 4hours, Rat  
**Ingestion** May cause irritation of the digestive tract.  
**Inhalation** Inhalation of xylene vapours causes irritation to the nose, throat and respiratory tract.  
**Skin** Xylene (mixed isomers) liquid is a skin irritant based on animal information. Studies with xylene isomers have shown irritation, redness and a burning sensation can result from contact. These effects are reversible shortly (usually within 1 hour) after the contact stops. Repeated or prolonged exposure to xylene can defat the skin resulting in dermatitis (red, dry, itchy skin). Harmful in contact with Skin.  
**Eye** Xylene (mixed isomers) causes serious eye damage.  
**Respiratory sensitisation** Not classified based on available information.  
**Skin Sensitisation** Not classified based on available information.  
**Germ cell mutagenicity** Not classified based on available information.  
**Carcinogenicity** Not classified based on available information. Xylenes [1330-20-7] are evaluated in the IARC Monographs (Vol. 47, Vol. 71; 1999) as Group 3: Not classifiable as to carcinogenicity to humans.  
**Reproductive Toxicity** Not classified based on available information.  
**STOT-single exposure** Specific Target Organ Toxicity (Single Exposure) - Category 3 H335 May cause respiratory irritation.  
**STOT-repeated exposure** Not classified based on available information.

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<b>Aspiration Hazard</b>	Not classified based on available information.
<b>Chronic Effects</b>	Chronic exposure to xylene may cause defatting dermatitis, skin rash, reversible eye damage, dyspnoea (labored breathing), confusion, dizziness, apprehension, loss of appetite, pale skin, memory loss, headache, tremors, weakness, anorexia, nausea, ringing in the ears, irritability, thirst, mild changes in liver function, kidney impairment, anaemia, and hyperplasia, but not destruction, of the bone marrow, causing low blood cell count.
<b>Serious eye damage/irritation</b>	Serious Eye Damage/Irritation - Category 2A H319 Causes serious eye irritation.
<b>Mutagenicity</b>	Not classified based on available information.
<b>Respiratory Irritation</b>	H335 May cause respiratory irritation.

## 12. Ecological information

<b>Ecological Information</b>	Adverse ecological effects cannot be excluded in the event of improper handling or disposal.
<b>Persistence and degradability</b>	Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.
<b>Mobility</b>	If product enters the soil, it will be highly mobile and may contaminate groundwater.
<b>Environmental Fate</b>	Do NOT let product reach waterways, drains and sewers.
<b>Bioaccumulative Potential</b>	Does not bioaccumulate significantly.
<b>Other Information</b>	Do not allow to enter waters, waste water, or soil!

## 13. Disposal considerations

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and disposed of according to relevant local, state and federal government regulations.
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## 14. Transport information

<b>Transport Information</b>	Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following: Class 1, Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane, Class 7.
<b>U.N. Number</b>	1307
<b>UN proper shipping name</b>	XYLENES
<b>Transport hazard class(es)</b>	3
<b>Hazchem Code</b>	3Y
<b>Packing Group</b>	III
<b>EPG Number</b>	3A1
<b>IERG Number</b>	16

## 15. Regulatory information

<b>Regulatory Information</b>	All of the significant ingredients in this formulation are compliant with Australian Industrial Chemicals Introduction Scheme (AICIS) regulations. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
<b>Poisons Schedule</b>	S6

## 16. Other Information

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**Literature  
References**

'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.  
Safe Work Australia, 'Hazardous Chemical Information System'.  
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.  
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.

**Contact Person/Point**

Paul McCarthy Ph. (08) 8440 2000      **DISCLAIMER STATEMENT:**  
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