

DPTU-14859-2 Part B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: DPTU -14859-2 Part B
Chemical Name: Polyether polyol mixture
Supplier: Jacobson Chemicals Ltd
 Unit 4
 Newman Lane Industrial Estate
 Alton
 Hants
 GU34 2QR
Telephone: 01420 86934
Fax: 01420 549574
E-mail: sales@jacobsonchemicals.co.uk

2. COMPOSITION

Substance: N/a
Substance Name: N/a
EC Index No: N/a
EEC Number: N/a

<u>Constituents</u>	<u>CAS No</u>	<u>%</u>	<u>EEC Symbol</u>	<u>Risks</u>
Propylene oxide P/W glycerol	025791-96-2	40-60	Xi	R38
Aryl mercury compound		2	T, C	R48, 24, 25-34

3. HAZARD IDENTIFICATION

The most important hazards are: Harmful: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed. Irritating to skin.

Inhalation: Toxic by inhalation. Irritant.

Skin Contact: Irritating to skin.

Eye Contact: Irritating to eyes.

Ingestion: -

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4. FIRST AID MEASURES

Immediate medical attention:	Yes
Professional assistance from physician required?	Yes
Inhalation:	Remove to fresh air. If breathing is difficult, give oxygen. Apply artificial respiration if patient is not breathing.
Skin Contact:	Take off all contaminated clothing immediately. Wash immediately with plenty of water. Do not reuse contaminated clothing without laundering.
Eye Contact:	Rinse immediately with water for at least 15 minutes.
Ingestion:	Seek medical advice immediately and show the container, label or data sheet. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use water spray, carbon dioxide or dry chemical.
Protective equipment:	Firefighters and others exposed, wear self contained breathing apparatus. Wear full firefighting protective clothing. See Section 8 (Exposure Controls).
Special exposure hazards:	Keep containers cool by spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing and gloves.
Methods of Cleaning:	Wear impermeable boots. Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

7. HANDLING & STORAGE

Handling:	None
Storage:	None

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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8. EXPOSURE CONTROLS

Take measures to prevent:	Skin and eye contact. Inhalation.
Exposure to control limits:	
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment. A full face-piece respirator also provides eye and face protection. Cutting, grinding or sanding of parts fabricated after curing may create respirable dust particles. Respiratory protection appropriate for this dust may be required. Refer to components listed above for potential hazardous components in the dust.
Skin Protection:	Avoid skin contact. Wear impermeable gloves and suitable protective clothing. Barrier cream may be used in conjunction with the gloves to provide additional skin protection.
Eye Protection:	Wear eye/face protection such as chemical splash proof goggles or face shield. Eyewash equipment and safety shower should be provided in areas of potential exposure.
Engineering Measures:	Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.
Additional:	Food, beverages, and tobacco products should not be carried, stored or consumed where this material is in use. Before eating, drinking or smoking, wash face and hands thoroughly with soap and water. It is recommended that a shower be taken after completion of work shift especially if significant contact has occurred. Work clothing should be laundered prior to reuse. Street clothing should be stored separately from work clothing and protective equipment. Work clothing and shoes should not be taken home.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Not distinct
Colour:	Clear
Specific Gravity:	1.06
Solubility with water:	Reacts with water
Flash Point:	>100°C
Flash Point Method:	Closed cup

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10. STABILITY & REACTIVITY

Stability:	Stable
Conditions to avoid:	Avoid contact with oxidizing agents.
Materials to avoid:	Oxidizing agents.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, traces of mercury vapours..

11. TOXICOLOGICAL INFORMATION

Oral LD50 (rat):	Not applicable	>3000 mg/kg	(estimated)
Dermal LD50 (rabbit):	Not applicable	>2000 mg/kg	(estimated)
Inhalation LC50 (4-hour rat):	No data		
Skin irritation (rabbit):	Irritating		
Eye irritation (rabbit):	Not Irritating		
Dermal sensitization:	No data		
Inhalation Sensitization:	No data		
Ames Salmonella Assay:	No data		

POTENTIAL HEALTH EFFECTS:

Harmful: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed. Irritating to skin.

HAZARDOUS INGREDIENT TOXICITY DATA

005124-30-1 Methylene bis(4-cyclohexylisocyanate)

<u>Type</u>	<u>Route</u>	<u>Species</u>	<u>Results</u>	<u>Assessment</u>
Acute LD50 (estimated)	Oral	Rat	3-4 g/kg	Not applicable
Acute LD50 (estimated)	Dermal	Rabbit	>2 g/kg	Not applicable
Acute Dermal Irritation				Irritating
Acute Eye Irritation				Not Irritating

Aryl mercury compound

Human Teratogen
May cause nervous system damage

12. ECOLOGICAL INFORMATION

Assessment:	No aquatic LC50, BOD or COD data available.
Test Results:	Octanol/H2O Partition Coef: Not applicable.

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13. DISPOSAL CONSIDERATIONS

Likely residues / waste products:	N/a
Safe handling of and residues/waste products:	Organic materials, especially when classified as hazardous waste, to be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

14. TRANSPORT INFORMATION

Special carriage precautions in carriage:	N/a
Classification data:	N/a
UN Number:	N/a
Proper Shipping Name:	N/a
IMO - Sea:	N/a
ICAO - Air:	N/a
ADR - Road:	N/a
Transport Category:	N/a
Limited Quantity Size:	N/a
Additional Data:	N/a

15. REGULATORY INFORMATION

Supply label information:	Harmful
Hazard Symbol:	Xn
Risk Phrases:	R38 - Irritating to skin. R38/21/22 - Harmful: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.
Safety Phrases:	S36/37 - Wear suitable protective clothing and gloves.

INVENTORY INFORMATION

EEC EINECS:	All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.
US TSCA:	All components of this product are included on the TSCA Inventory in compliance with the Toxic Substances Control Act, 15 U.S.C. 26012 et seq.
CANADA DSL:	This product contains components not on the Domestic Substances List. These components are on the Non-Domestic Substances List.

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16. OTHER INFORMATION

- a) **Training needs:** Refer to technical data.
- b) **Recommended uses and restrictions:**
- c) **Further references:**
- d) **Key data sources:** Manufacturer's data.

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.