

Technique OC Parts A & B

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Revision 1
Revision date 2-Aug-2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name: Technique Optically Clear Part A

Company: Dalchem Pty Ltd
141 Herald Street Cheltenham Vic 3192
Telephone 61 3 9553 7040

2. COMPOSITION / INFORMATION ON INGREDIENTS**Hazardous ingredients**

Conc. CAS EINECS Symbols/Risk phrases
Polypropylenglycol 1 - 20% 25322-69-4 500-039-8 Xn; R22 R25-48/24/25 C; R34 N; R50/53

3. HAZARDS IDENTIFICATION

Main hazards Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation May cause irritation to mucous membranes. Move the exposed person to fresh air.

Ingestion May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area.

Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

Adopt best Manual Handling considerations when handling, carrying and dispensing.

Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures Ensure adequate ventilation of the working area.

Hand protection Chemical resistant gloves (PVC)

Eye protection In case of splashing, wear: Approved safety goggles.

Protective equipment Wear protective clothing.



9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.

Colour Clear.

Odour Slight.

Relative density 1.06

Viscosity 600 mPa.s (25°C)

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Toxicological information

Polypropylenglycol Dermal Rat LD50 = > 10, 000 mg/kg

Oral Rat LD50 = 1,500 mg/kg

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

Further information The product is not classified as dangerous for shipping

15. REGULATORY INFORMATION

Risk phrases R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16. OTHER INFORMATION

Text of risk phrases in

Section 2

R22 - Harmful if swallowed.

R25 - Toxic if swallowed.

R34 - Causes burns.

R48/24/25 - Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Technique OC Part B

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Revision 1
Revision date 2-Aug-2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name: Technique Optically Clear Part B

Company: Dalchem Pty Ltd

141 Herald Street Cheltenham Vic 3192

Telephone 61 3 9553 7040

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

Conc. CAS EINECS Symbols/Risk phrases

dicyclohexylmethan-4,4'-di-isocyanate 70 - 100% 5124-30-1 225-863-2 T; R23 Xi; R36/37/38 R42/43

3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl
isocyanate

1 - 30% 4098-71-9 T; R23 Xi; R36/37/38 R42/43 N;

R51/53

223-861-6

3. HAZARDS IDENTIFICATION

Main hazards Toxic by inhalation. Irritating to eyes and skin. May cause sensitisation by inhalation and skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.

Inhalation Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO₂), dry chemical, foam.

Fire hazards Corrosive. Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

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7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures Ensure adequate ventilation of the working area.

Respiratory protection Wear: Self-contained breathing apparatus.

Hand protection Chemical resistant gloves (PVC)

Eye protection Approved safety goggles.

Protective equipment Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.

Colour Clear.

Odour Slight.

Relative density 1.07

Viscosity 30 mPa.s (25°C)

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Toxicological information

dicyclohexylmethan-4,4'-di-isocyanate Oral Rat LD50 = >11000 mg/kg

Dermal Rabbit LD50 = >10000 mg/kg

Inhalation Rat LC50/4 h = 434 mg/m³

3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl
isocyanate

Oral Rat LD50 = 5490 mg/kg

Inhalation Rat LC50/4 h = 0.04 mg/l

Corrosivity Causes burns.

12. ECOLOGICAL INFORMATION

Ecotoxicity

dicyclohexylmethan-4,4'-di-isocyanate Algae EC50/72h = >5.0 mg/l

Daphnia EC50/48h = >=8.3 mg/l

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 2206 Packing group III

Class 6.1 Proper Shipping

Name

ISOCYANATES, TOXIC, N.O.S.

Hazard ID 60

IMDG

EmS Code F-A S-A UN 2206

Packing group III Class 6.1

Marine pollutant .

IATA

UN 2206 Packing group III

Class 6.1 Subsidiary risk -

Packing Instruction

(Cargo)

618 Maximum quantity 220 L

Packing Instruction

(Passenger)

611 Maximum quantity 60 L

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols T - Toxic

Risk phrases R23 - Toxic by inhalation.

R36/38 - Irritating to eyes and skin.

R42/43 - May cause sensitisation by inhalation and skin contact.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases S22 - Do not breathe dust.

S23 - Do not breathe gas/fumes/vapour/spray.

S24 - Avoid contact with skin.

S36/37 - Wear suitable protective clothing and gloves.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

16. OTHER INFORMATION

Text of risk phrases in

Section 2

R23 - Toxic by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R42/43 - May cause sensitisation by inhalation and skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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