

Pretreatment Kit

Material Safety Data Sheet

(According to 1907/2006/EC, Article 31)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product: Tissue Pretreatment Kit for the pretreatment of paraffin embedded tissue sections.

Manufactured by: CYTOCELL LTD.

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2. IDENTIFICATION OF HAZARDS

Harmful by inhalation, avoid contact with skin and eyes.
Ingestion of large amounts may be harmful.

3. COMPOSITION/ INFORMATION ON COMPONENTS

Contents of kit:

- Heat Pretreatment Solution pH7 (Reagent 1)
- Enzyme solution (Reagent 2)

This product contains no substances that, at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. FIRST AID MEASURES

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with fingers. Call a physician.

In case of contact with skin, immediately wash skin with soap and copious amounts of water.

If inhaled, remove to fresh air. Rest and keep warm in severe cases obtain medical attention.

If swallowed, wash out mouth with water provided that the person is conscious. Call a physician.

Wash contaminated clothing before re-use.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray, Carbon dioxide, dry chemical powder or appropriate foam.

Special Fire fighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and explosions hazards: None.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing.

Inform others to keep a safe distance.

Absorb on an inert absorbent material, transfer to a container, and arrange removal by a disposal company.

Ventilate area to dispel residual vapour.

Wash spill site when material pick-up is complete.

7. INFORMATION ON HANDLING, STORAGE, TRANSPORT AND DISPOSAL

Handling: Measures should be taken to avoid inhalation, contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage: Store in a tightly closed container in a dry, cool, and well-ventilated place.

Transport: Product is not subject to current regulations with regard to the transportation of hazardous goods.

Disposal: Dispose of through local authorities if appropriate facilities are available; otherwise pass to a chemical disposal company.

Packaging to be disposed of in accordance with local procedures; contaminated packaging to be disposed of as product.

8. PERSONAL PROTECTION

Follow procedures for the safe handling of chemicals. Only persons trained in laboratory techniques should handle this product in accordance with good laboratory practice.

All chemicals are potentially hazardous, therefore suitable protective clothing, eye protection, and gloves should be worn.

Do not inhale vapours; avoid contact with eyes, skin and clothing. Thoroughly wash hands following handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Liquid: Odourless.
Melting point: Not determined.
Boiling point: Not determined.
Specific gravity: Not determined.

10. STABILITY AND REACTIVITY

Stable: avoid excess heat and moisture, protect from light.
Materials to avoid: no dangerous reactions are known under normal conditions of use.
Hazardous polymerisation: Will not occur.
Hazardous Decomposition: None under normal use.

11. TOXOLOGICAL INFORMATION

May cause harm by ingestion, inhalation and skin or eye contact.
To the best of our knowledge the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGIC INFORMATION

Do not allow product to reach sewerage system, watercourse or ground water.
Product is inherently biodegradable and does not bio accumulate.
No information is known about ecotoxicity.

13. DISPOSAL

Dispose of in accordance with local procedures.

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATIONS

Canada: This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*

16. OTHER INFORMATION

Safety and Risk statements according to CHIP Regulations 2002 SI 2002 No. 1689

Risk statements: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases: S20/21 When using do not eat or drink or smoke.
S24/25 Avoid contact with eyes and skin.
S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Information supplied above is based on our present knowledge and details the appropriate safety precautions with regard to the product. It is not a guarantee of the product and we make no warranty implied or otherwise with respect to the information and assume no liability.