

Conforms to 91/155 EEC and UK CHIP2 regulations (1996)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Trade Name: MediTray ®

Manufacturer: Laminar Medica (UK) Ltd
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Descriptions:

Laminate Film: Flexible polyethylene and polyamide laminate film; PA/PE.

Fill material consists of:

Gel: Non-hazardous hydrated sodium polyacrylate gel, with a maximum 15ppm Acticide w/w LA 0614.

	CAS No.	Warning symbol
99.8000 % Water	N/A	N/A
00.1700 % Water (predosed)	N/A	N/A
00.0280 % Bronopol	52-51-7	N/A
00.0009 % CIT	55965-84-9*	N/A
00.0003 % MIT	55965-84-9*	N/A
00.0008 % Inorganic stabilisation salts	N/A	N/A

* = Mixture

Sleeve: Printed outer corrugate sleeve

Hazardous Ingredients: None

3. HAZARD IDENTIFICATION

Appearance and odour: Flexible formed cooling element gel has no colour or odour

Breach of primary containment: Not hazardous under normal conditions.

Emergency overview: No emergency conditions are expected from this product. If punctured the material may leak and the resulting liquid may be washed to waste. Prolonged contact with the liquid may cause mild sensitisation.

Primary route(s) of exposure: Transfer if gel to skin

ACUTE: Skin or eye contact may cause local irritation

CHRONIC: There is no long-term health affects connected with the long-term exposure to MediTray® gel, however sensible precautions such as minimising contact with eyes, mouth, skin, should be observed. MediTray® gel should not be ingested.

4. FIRST AID MEASURES

Eye contact:	Where MediTray® gel enters the eyes, flush with running water and seek medical attention if irritation persists.
Ingestion:	In the rare eventuality that MediTray® gel is ingested, do not induce vomiting and seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents:	Water spray, water fog, and fire fighting foam, dry chemical or CO ² .
Dangerous combustion products:	Possible released during fire: irritating and toxic gases or smoke.
Special safety equipment:	Wear recommended fire protection clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Contamination:	Where gel is released from the protective packaging, avoid skin and eye contact. Remove contaminated clothing and wash all contaminated areas with water.
Land Spill:	Recover if possible, otherwise dispose of in accordance with national or regional regulations.
Water Spill:	Do not discharge into water courses.

7. HANDLING AND STORAGE

Storage Temperature:	Store in cool dry area, above -40°C, away from direct sunlight
Handling:	No issues.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment:	None is required however good general personal hygiene after using this material is advisable.
Note:	owing to the large quantity of water in the product and low concentrations of active ingredients, the subsequent chemical hazards associated with this product are negligible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Relating to PA/PE components

Appearance:	Plastic film
Colour:	Colourless
Odour:	None
Softening Point:	80 – 220°C
Decomposition temperature:	>300°C
Ignition temperature:	>350°C

Relating to Gel

Chemical nature:	Sodium polyacrylate, cross linked
Colour:	Opaque
Odour:	None

Hazardous ingredients (GHS):	According to regulation (EC) No. 1272/2008
Ignition temperature:	None
No particular hazards known	
10. STABILITY AND REACTIVITY	
Chemical stability:	Stable
Conditions to be avoided:	Open flame
11. TOXICOLOGICAL INFORMATION	
Primary skin irritation:	Non irritant
Sensitisation:	Prolonged skin contact to gel may cause sensitisation
12. ECOLOGICAL INFORMATION	
Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.	
Other eco-toxicological advice: Do not release untreated into natural waters. The ecotoxic effect of the product has not been tested.	
13. DISPOSAL CONSIDERATIONS	
Disposal: MediTray® is suitable for energy recovery, or disposal with non-hazardous waste destined for licence landfill sites. Always dispose of in accordance with national or regional regulations. Advice on the preferred method should be sought from the national and local waste regulation authorities or equivalent bodies if outside the UK.	
14. TRANSPORTATION INFORMATION	
This product is not regulated for carriage according to ADR/RID/ADN, IMDG, ICAO-TI/IATA-DGR	
15. REGULATIONS	
Labelling according to EEC directives: Contents: - None. Symbol: - None.	
R-Phrases: - None. S-Phrases: - None.	
16. FURTHER INFORMATION	
We provide this information and data according to our present level of knowledge and experience. It is intended to describe the product from a safety point of view, not to guarantee any particular properties. No liability for damage incurred in connection with the use of this information or with the use, application, adaptation, or processing of the products here described herein will be accepted.	