

Issue Date: 12/04/2021
Last Revision Date: 24/10/2023
Superseded Date: 12/04/2021
Version Number: 02

SAFETY DATA SHEET

Product Code: IT05-111B-1000

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SECTION 1 PRODUCT IDENTIFICATION

Product Name Livingstone Medical Injection Trays

Other Names Bowls, kidney dishes, injection/procedure trays, medicine measures, gallipots and laparoscopic quiver products.

Recommended Use Available in single patient use or reusable forms for the containment of liquids or solids.

SECTION 2 HAZARD IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF U.S. OCCUPATIONAL SAFETY AND HEALTH ACR AND REGULATIONS, INCLUDING THE HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 DATED NOVEMBER 25, 1983.

Hazardous Material Identification System Rating

Health Hazard 0 Minimal

Flammability Hazard 1 Slight

Reactivity Hazard 0 Minimal

UN NUMBER, DANGEROUS GOODS CLASS, HAZCHEM CODING AND POISONS SCHEDULES DO NOT APPLY TO THESE PRODUCTS OR POLYMER THEY ARE MADE OF.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Base Resin Homopolymer Polypropylene

Chemical Name	CAS No.
Propylene homopolymer	9003-07-0
Additives for process and long term stabilisation, polymer modification aids	various

SECTION 4 FIRST AID MEASURES

Under appropriate product usage, no first aid treatments are required. Alterations to the appropriate usage of the products, such as intended or accidental product exposure to fire or extreme heat, the polypropylene polymer used in the manufacture of the products may melt or burn.

EYE If irritation occurs, hold eyes open and flood with water for 15 mins. If irritation persists, seek medical attention.

SWALLOWED No specific measures are required in case of ingestion of the product. Get medical advice if necessary.

SKIN/BURNS Should be cooled with cold water or ice. Do not use ice or cold packs if burned area covers more than 10% of the body as this may contribute to the shock. Leave burned area uncovered. No attempt should be made to remove the solidified product from the skin (it acts as a sterile dressing). Seek immediate medical advice.

INHALED Treatment not ordinarily required. If a large number of fumes are inhaled, keep the patient in a well ventilated area. If symptoms persist, seek medical advice.

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ADVICE TO DOCTOR

Pre-existing eye and respiratory complaints may be aggravated by exposure to product fines and fumes if burnt or melted.

SECTION 5 FIRE FIGHTING MEASURES

Should the products be involved in a fire.

FLAMMABILITY

Combustible substance. Will not burn unless preheated.

SUITABLE EXTINGUISHING MEDIA

Use the following extinguishing media:

- 1) Foam.
- 2) Carbon dioxide.
- 3) Chemical powder.
- 4) Water fog/spray on fires.

HAZARDS FROM COMBUSTION PRODUCTS

Product generally burns slowly with a low smoke density and flaming drips. Under certain conditions it can burn with a high smoke density. Smoke from burning polypropylene can contain various levels of toxic gases, including carbon dioxide and carbon monoxide, ketones, acroleins, aldehydes and unidentified organic compounds, depending on the amount of oxygen present.

PROTECTIVE EQUIPMENT

Do not enter confined space without adequate protective clothing.

Emergency personnel should wear:

- 1) Leather boots
- 2) Helmet and face shield
- 3) Leather gloves
- 4) Suitable fire resistant, non-melting protective clothing
- 5) Self contained breathing apparatus should be used.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not Applicable

SECTION 7 HANDLING AND STORAGE

HANDLING

No special handling is required.

STORAGE

Store away from strong oxidising agents.

Protect from heat and direct sunlight.

Store under cool, dry conditions under 60°C (140°F) for quality control.

Open flames prohibited.

Eliminate ignition sources.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Not Applicable

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE

Moulded polypropylene in various colours such as green, yellow, blue and clear.

ODOUR

Odourless

VAPOUR PRESSURE

Not applicable

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VAPOUR DENSITY	Not applicable
BOILING POINT	Not applicable
MELTING POINT	>160°C
SOLUBILITY (WATER)	Negligible
SPECIFIC GRAVITY	0.88 – 0.92
FLASH POINT	>329°C (625°F)
EXPLOSION LIMIT	Not applicable
AUTOIGNITION	>357°C (675°F)
LEL	not available
UEL	not available

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Temperatures above 357°C (675°F). Avoid contact with strong oxidizing agents, strong alkalines and acids.
INCOMPATIBLE MATERIALS	Strong oxidation agents
DECOMPOSITION PRODUCTS	Carbon dioxide, carbon monoxide and organic vapours.
HAZARDOUS REACTIONS	No dangerous reactions known.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE	At appropriate temperatures the product is not an irritant and does not liberate dangerous fumes. In its molten state the material will have a temperature in excess of 160°C and will cause severe burns. Pre existing eye and respiratory complaints may be aggravated by exposure to molten product.
SWALLOWED	The material is considered non-toxic and no specific measures are required in case of ingestion
EYE	Molten product may cause mechanical irritation to eyes. Rinse eye with cold running water for several minutes then seek medical advice.
SKIN	Contact with molten material can cause severe burns.
INHALATION	At appropriate temperatures the product is not an irritant and does not liberate dangerous fumes.
CHRONIC	Limited toxicological studies show no signs of toxicity to animals. No data is available for humans.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY	Not available.
PERSISTENCE AND DEGRADABILITY	Products are not biodegradable.
MOBILITY	Floats on water.

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SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

- 1) Recycle (reprocess).
- 2) Refer to local waste management authority for land fill and incineration guidelines.

SECTION 14 TRANSPORT INFORMATION

Polypropylene is not defined as a Dangerous Good therefore can be transported by Air, Road and Rail.

UN NUMBER Not applicable

**CLASS AND
SUBSIDIARY RISK** None allocated

PACKING GROUP None allocated

HAZCHEM CODE Not applicable

SECTION 15 REGULATORY INFORMATION

**DESIGNATION ACCORDING TO
EC GUIDELINES** The material is not subject to classification.

POISON SCHEDULE None allocated.

SECTION 16 OTHER INFORMATION

Reason for Revision To bring to date

END OF SDS