

Issue Date: 10/11/2015  
Last Revision Date: 11/08/2023  
Superseded Date: 28/02/2019  
Version Number: 04

## SAFETY DATA SHEET

Product Code: MEA30B

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### SECTION 1 PRODUCT IDENTIFICATION

**Product Name** Livingstone Medicine Measure Cup  
**Product Uses:** To hold medicine

### SECTION 2 HAZARD IDENTIFICATION

**Hazard to the health of individuals:** This product is not toxic.

**Emergency Overview:** Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperature. Molten or burning in skin contact can cause severe burns.

**Routes of Entry:** FOR HOT MATERIAL: Skin Contact, Eye Contact and Inhalation.

**Potential Acute Health Effects**

**Eyes:** Slightly hazardous by the following route of exposure: Of eye contact (irritant). Heated Polymer: Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye.

**Skin:** No known acute effects of this product resulting from skin contact. However in light of good industrial hygiene, exposure to any chemical should be kept at minimum.

**Heated and Burning Polymer:** Skin contact can cause serious thermal burns.

**Inhalation:** Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures and burning.

**Ingestion:** No effect are expected for ingestion of a small amounts. Swallowing may be have a choking hazard.

**Potential Chronic Health**

**Carcinogenic Effects:** This material is not a known carcinogen. Classified NONE by NTP, NONE by OSHA, 3 (Not Classified for humans) by IARC.

**Mutagenic Effects:** Not available.

**Teratogenic Effects:** Not available.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Description:** Mixture of substances listed below with additions.

Components Number	CAS Number
Polypropylene	9003-07-0

**Medical Conditions Aggravated by Overexposure:** There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical conditions.

**Overexposure/ Signs/ Symptoms:** No information available.

### SECTION 4 FIRST AID MEASURES

**After Inhalation:** General the material is not expected to present an inhalation hazard, Where have inhalation supply fresh air.

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### After Skin Contact:

General the material is not expected to present an skin contact hazard. Cool skin rapidly if contacted with. Molten or burning polymer. Obtain medical attention for thermal burns.

### After Eye Contact:

Immediately flush eyes with plenty of water for at few minutes, occasionally lifting the upper and lower eyelids.

### Ingestion:

No adverse health effects expected from little ingestion, If symptoms persist consult doctor.

After first aid, get appropriate in-plant , paramedic, or community medical support.

## SECTION 5 FIRE FIGHTING MEASURES

### General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

### Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.

### Auto ignition Temperature:

> 650F (estimated).

### LEL:

Not Determined.

### UEL:

Not Determined.

### Special Fire & Explosion Hazards:

None.

### Exting using Media:

Dry Chemical, Carbon Dioxide, and Foam.

### Unusual Fire or Explosion Hazards:

None.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Small Spill and Leak:

This product is solid, Small leak is meaningless,where have scattered on the ground only need to pick up it. Good housekeeping must be maintained at all times to avoid stumbling hazard.

### Large Spill and Leak:

No danger,only need to recycling collection the leakproducts and repackaging.

## SECTION 7 HANDLING AND STORAGE

### Handling:

Handling of plastic may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA654.

### Storage:

Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ventilation and Engineering Controls:

No special ventilation and engineering controls are required , handling of these products need keep good ventilation.

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### Respiratory Protection:

No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard, applicable U.S. State regulations, or the Canadian CSA standard.

### Body Protection:

No special protective clothing is required.

### Protective Gloves:

Unnecessary, when need choose rubber acid-resistant gloves or other insulated gloves.

### Eye Protection:

Unnecessary, When necessary wear Chemical goggles or face shield.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Solid, white and odorless
pH:	Not applicable
Hardness:	95 R
Ash Content:	0.023%
Specific Gravity:	1.30
Volatile Content:	≤0.1%
Yellow Color Index:	≤3
Melt Flow Index:	8.9 g/10 min
Isotactic Index:	95%
Tensile Strength:	31.2 MPa
Annealed/Unannealed:	≥86 MPa
Softening Point:	≥153°C

### SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	The product is stable.
Incompatibilities with Other Materials:	Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), and aromatic and chlorinated hydrocarbons.
Hazardous Decomposition Products:	The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.
Hazardous Polymerization:	Hazardous polymerization will not occur.

### SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity to Animals:	Particulate can scratch surface.
LD50:	Not available.
LC50:	Not available.
Chronic Effects on Humans:	CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC.
Other Toxic Effects on Humans:	None

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**Carcinogenicity:** None Determined.  
**Mutagenicity:** None Determined.  
**Teratogenicity:** None Determined.

### SECTION 12 ECOLOGICAL INFORMATION

**Instability:** Not applicable.  
**Persistence/Degradability:** Like plastic in the long term.  
**Environmental Precautions:** Minimize the potential harm to the environment, to dispose of in accordance with the norms, the general will not result in the impact and harm aquatic plants.

### SECTION 13 DISPOSAL CONSIDERATIONS

**Product:** Must be disposed of in accordance with applicable Federal, state and local regulations.  
**Recommendation:** Must not be dispose together with household garbage. Do not allow product to reach sewage system.  
**Uncleaned packaging:** Recommendation Disposal must be made according to official regulations.

### SECTION 14 TRANSPORT INFORMATION

Not regulated, not a dangerous good as defined by the following regulations.

**DOT Classification for Bulk Shipments (non bulk shipments may differ):** Not a DOT controlled material (United States).  
**UN Number** Not applicable.  
**Packing Group:** Not applicable.  
**Marine Pollutant:** Not available.  
**Hazardous Substance Reportable Quantity:** Not available.  
**Special Provisions for Transport:** Not applicable.  
**TDG Classification:** Not controlled under TDG (Canada).  
**ADR/RID Classification:** Not controlled under ADR( Europe)  
**IMO/IMDG Classification:** Not Controlled under IMDG.

### SECTION 15 REGULATORY INFORMATION

**HCS Classification:** This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

**U.S. Federal Regulation:** Not available.  
**TSCA inventory:** All components are exempted.  
**SARA 301/302/303:** No chemicals in this product are listed as extremely hazards substances in 40 CFR 355, Emergency Planning And Notification(Appendix A to Part 355).

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### SARA 304:

No chemicals in this product require reporting under the requirement of 40 CFR 355, Emergency Planning and Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR Part 302).

### SARA 313:

This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

### SARA 311/312:

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200, and as such does not require reporting under the requirements of 40 CFR 370, Hazardous Chemical Reporting: Community Right-To-Know. Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many states and localities have added requirements or incorporated the Federal Contents in their own forms, Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

### Clean air act (CAA) 112 accidental release prevention:

No products were found.

### Clean air act (CAA) 112 regulated flammable substances:

No products were found.

### Clean air act (CAA) 112 regulated toxic substances:

No products were found.

### International Regulations

#### WHMIS:

Not controlled under WHMIS.

#### DSCL:

Not controlled under DSCL.

#### State Regulation:

No products were found.

#### California Prop.65:

There are no Proposition 65 chemicals present in our products at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

### SECTION 16 OTHER INFORMATION

Reason for Revision: To bring to date

## END OF SDS