

Issue Date: 29/01/2021  
Last Revision Date: 07/02/2024  
Superseded Date: 29/01/2021  
Version Number: 02

## SAFETY DATA SHEET

Product Code: BHSB55X70Y

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### SECTION 1 PRODUCT IDENTIFICATION

**Product Name** Livingstone Biohazard Waste Bag  
**Characteristics** Low gels, high drawdown, high clarity, high gloss, good sealability, high slip, high antiblocking  
**Applications** Zip bags  
**Thickness** 50 Micron

### SECTION 2 HAZARD IDENTIFICATION

This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC and 93/112/EC.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:** Low Density Polyethylene (LDPE)  
**CAS No.** 9002-88-4

### SECTION 4 FIRST AID MEASURES

No data available

### SECTION 5 FIRE FIGHTING MEASURES

No data available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

No data available

### SECTION 7 HANDLING AND STORAGE

**Storage** As polyethylenes, like most polymers, are combustible, the usual precautions concerning ignition sources should be taken in warehouses and storage rooms. It is necessary to observe the normal rules for orderly and safe handling and to keep out dust, direct sunlight and moisture.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

No data available

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## SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Properties	Units	Typical values	Test methods
Polymer Properties:	dg/min	5	ISO 1133
	kg/m <sup>3</sup>	921	ISO 1183 (A)
	°C	49	ISO 868
	°C	107	DIN 53765
		86	ISO 306
Optical Properties:			
Gloss (45°)	%	66	ASTM D2457
Haze	%	6.5	ASTM D1003A
Mechanical Properties:			
Impact strength	g	70	ASTM D1709
Tear strength	TD kN/m	30	ISO 6383-2
	MD kN/m	80	

## SECTION 10 STABILITY AND REACTIVITY

No data available

## SECTION 11 TOXICOLOGICAL INFORMATION

No data available

## SECTION 12 ECOLOGICAL INFORMATION

The environmental aspects of any packaging material do not only imply waste issues but have to be considered in relation with the use of natural resources, the preservations of foodstuffs etc. This item is considered to be an environmentally efficient packaging material. Its low specific energy consumption and insignificant emissions to air and water designate polyethylene as the ecological alternative in comparison with the traditional packaging materials.

This item, as supplied, can be recycled, incinerated or disposed of in landfill without detriment to the environment.

The recycling of packaging materials is supported whenever ecological and social benefits are achieved. Whenever 'thermal' recycling of packaging (i.e. incineration with energy recovery) is carried out, polyethylene - with its fairly simple molecular structure and low amount of additives - is considered to be a trouble-free fuel.

## SECTION 13 DISPOSAL CONSIDERATIONS

No data available

## SECTION 14 TRANSPORT INFORMATION

No data available

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### SECTION 15 REGULATORY INFORMATION

No data available

### SECTION 16 OTHER INFORMATION

Under normal conditions polyethylenes do not present a toxic hazard through skin contact or inhalation. During processing, contact with molten polymer and inhalation of volatile fumes should be avoided.

**Reason for revision:** To bring to date

## END OF SDS