



## Material Safety Data Sheet

### 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trash Bags	<b>Manufactured by:</b> <b>Bolsas y Polietilenos de la Frontera, SA de CV</b> Calle Casiopea #29 Colonia Empleado Postal, Tijuana, Baja California, Mexico C.P. 22416 Telephone: (664) 683-0130
<b>Product Type</b>	Plastic Bags
<b>Stock</b>	50x70 cms c/300
<b>Formula</b>	Low Density Polyethylene

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

These products are articles as defined under OSHA regulations in 29 CFR 1910.1200. Material Safety Data Sheets are not required for these products.

Composition	Material	%	CAS #	Exposure Limit	Source
	Polyethylene	99-100%	25087-34-7	None Established	(3)

None of the ingredients is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA following a decision by the 11th Circuit Court of Appeals. These PELs are being enforced by Federal OSHA. Be aware that more restrictive limits may be enforced by some states. Bolsas y Polietilenos de la Frontera, SA de CV recommends that the lower exposure limits be observed as reasonable worker protection.

The source for exposure limits listed above are:

1. OSHA Permissible Exposure Limit (PEL)
2. ACGIH Threshold Limit Value (TLV)
3. Both the OSHA PEL and ACGIH TLV
4. Recommended by the Manufacturer

### 3 HAZARDS IDENTIFICATION

<b>Principal Hazards</b>	<ul style="list-style-type: none"><li>· These products are inert, non-hazardous solid articles.</li><li>· Exposure to vapors and fumes from heating the polymer to decomposition may cause eye, mucous membrane and respiratory irritation.</li><li>· Plastic bags can create a suffocation hazard when placed over the nose and mouth.</li></ul> <p>See Section 11 for complete health hazard information <b>KEEP OUT OF REACH OF CHILDREN</b></p>
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### 4 FIRST AID

<b>Swallowing</b>	No adverse effects are expected, however, if this material is swallowed call a physician or poison control center.
<b>Skin</b>	No first aid is normally needed. For contact with molten bag material, flush area with large amounts of cold water. Do not attempt to remove material that adheres to the skin. Get prompt medical attention.
<b>Inhalation</b>	No harmful effects expected from normal use, If exposure to decomposition products occurs and irritation develops, remove to fresh air . If irritation persists, seek medical attention.
<b>Eyes</b>	No first aid is normally needed.
<b>Notes To Physician</b>	No harmful systemic effects are expected from ingestion of these product. They are approved for food contact use.

### 5 FIRE FIGHTING MEASURES

<b>Flash Point (Method)</b>	Not Applicable
<b>Upper Flammable Limit</b>	Not Applicable
<b>Lower Flammable Limit</b>	Not Applicable
<b>Extinguishing Media</b>	Use carbon dioxide, dry chemical, foam, fog or water spray.
<b>Special Firefighting Procedures</b>	Use self contained breathing apparatus when entering a confined space. If possible, water should be applied with a fog nozzle. Polyethylene is a surface burning material.
<b>Unusual Fire and Explosion Hazards</b>	None

### 5 FIRE FIGHTING MEASURES (continued)

<b>Combustion Decomposition</b>	When heated to decomposition carbon monoxide, carbon dioxide, olefinic and paraffinic hydrocarbons, aldehydes and alcohols may be produced.
<b>Auto-ignition Temperature</b>	650°F (estimated)
<b>Explosion Data</b>	Polyethylene dust can form flammable and explosive mixtures with air.



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### 6 ACCIDENTAL RELEASE MEASURES

**Spill** Clean up spilled bags promptly to avoid a slipping hazard. Collect for use or disposal.

### 7 HANDLING AND STORAGE

**Handling Procedures** • Keep bags away from excessive heat and flames.

**Storage Procedures** • Store in a cool, dry area away from excessive heat.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation Procedures** General ventilation should be adequate for normal use.

**Gloves Protection** None needed under normal use conditions

**Eye Protection** None needed under normal use conditions

**Respiratory Protection** None needed under normal use conditions

**Clothing Recommendation** None needed under normal use conditions

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Vapor Pressure** Not applicable

**pH** Not applicable

**Specific Gravity** 0.92 - 0.98 (water = 1)

**Water Solubility** Insoluble

**Percent Volatile** Negligible

**Vapor Density** Not applicable

**Evaporation Rate** Not applicable

**Odor** Odorless

**Appearance** Transparent plastic bags

**Viscosity** Not applicable

**Boiling Point** Not applicable

**Freezing Point** Not applicable



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### 10 STABILITY AND REACTIVITY

<b>Stability</b>	Stable
<b>Incompatibility</b>	Strong oxidizers, acids and bases.
<b>Polymerization</b>	Will not occur
<b>Hazardous Decomposition</b>	When heated to decomposition carbon monoxide, carbon dioxide, olefinic and paraffinic hydrocarbons, aldehydes and alcohols may be produced.

### 11 TOXICOLOGICAL INFORMATION

<b>Oral Toxicity</b>	No adverse effects expected from swallowing this product.
<b>Eye Irritation</b>	Any foreign body in the eye will cause irritation. No adverse effects are expected from contact.
<b>Skin Irritation</b>	No adverse effects are expected from normal contact. Molten or heated bags may cause serious burns.
<b>Dermal Toxicity</b>	No adverse effects are expected.
<b>Inhalation Toxicity</b>	No adverse effects expected from the normal use of this product. Breathing vapors and fumes from heating the polymer to decomposition may cause eye, mucous membrane and respiratory irritation.
<b>Acute Toxicity Values</b>	No acute toxicity data is available.
<b>Sensitization</b>	This product is not expected to cause skin or respiratory sensitization.
<b>Chronic Toxicity</b>	No chronic effects of exposure are expected for normal product use.
<b>Medical Conditions Aggravated By Exposure</b>	This product is not expected to aggravate existing medical conditions.
<b>Carcinogenicity</b>	No evidence of carcinogenicity from available information
<b>Reproductive Toxicity and Teratogenicity</b>	No evidence of adverse reproductive effects from the available information.

### 12 ECOLOGICAL INFORMATION

<b>Aquatic/Terrestrial Toxicity</b> <b>Environmental Fate</b>	No data is available at this time. These products are inert plastic products. No adverse environmental effects are expected from normal use or disposal.
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### 13 DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Dispose in accordance with federal, state and local regulations as ordinary trash.
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### 14 TRANSPORT INFORMATION

<b>U.S. DOT Non-Bulk Shipping Description</b>	None - Not Regulated.
<b>ID Number</b>	None
<b>Hazard Class</b>	None
<b>Packing Group</b>	None
<b>Label</b>	None
<b>Markings</b>	None
<b>Placards</b>	None
<b>IMDG Code Shipping Description</b>	NONE - NOT REGULATED
<b>Technical Name</b>	NONE
<b>ID Number</b>	NONE
<b>Hazard Class</b>	NONE
<b>Packing Group</b>	NONE
<b>Label</b>	NONE
<b>Markings</b>	NONE
<b>Placards</b>	NONE
<b>IMDG Page</b>	NONE

### 15 REGULATORY INFORMATION

<b>U.S. TSCA Inventory/other TSCA Regulations</b>	These products are considered manufactured articles under TSCA regulations and are not subject to its requirements, however, all of the components of this product are listed on the TSCA inventory.
<b>SARA Ext. Haz. Subst.</b>	None
<b>SARA Section 313</b>	These products are considered manufactured articles under SARA regulations and are not subject to reporting requirements. These products do not contain toxic chemicals 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 (SARA 313 - Toxic Chemical Release Reporting)
<b>CERCLA Hazardous Substances (Section 103)/RQ</b>	These products are not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
<b>California Proposition 65</b>	These products do not contain chemicals regulated by the State of California under proposition 65.



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### 16 OTHER INFORMATION

**NFPA Code** Health: 0 Fire: 1 Reactivity: 0  
**HMIS Code** Health: 0 Fire: 1 Reactivity: 0

**Precautionary Labels** Observe all requirements of plant, company or government regulations. Keep out of the reach of children. Do not take internally.

**General** This MSDS is directed to professional users and bulk handlers of the product or its ingredients. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations and in some instances might differ from the information provided herein.