1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Glad® Bags

Manufactured for:
The Glad Products Company
1221 Broadway
Oakland, CA 94612
Telephone: (510)271-7000

Product Type
Plastic Bags

Stock
Various

Formula
Various

Emergency Phone Numbers
For Medical Emergencies Call: 1-800-446-1014
For Transportation Emergencies Call: 1-800-424-9300 (Chemtrec)

2 COMPOSITION / INFORMATION ON INGREDIENTS

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

Composition

<table>
<thead>
<tr>
<th>Material</th>
<th>%</th>
<th>CAS #</th>
<th>Exposure Limit</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>99-100%</td>
<td>25087-34-7</td>
<td>None Established</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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. The Glad Products Company 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

Principal Hazards

- These products are inert, non-hazardous solid articles.
- Exposure to vapors and fumes from heating the polymer to decomposition may cause eye, mucous membrane and respiratory irritation.
- Plastic bags can create a suffocation hazard when placed over the nose and mouth.

See Section 11 for complete health hazard information.

KEEP OUT OF REACH OF CHILDREN

4 FIRST AID

Swallowing

No adverse effects are expected, however, if this material is swallowed call a physician or poison control center.

Skin

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.

Inhalation

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.

Eyes

No first aid is normally needed.

Notes To Physician

No harmful systemic effects are expected from ingestion of these product. They are approved for food contact use.

5 FIRE FIGHTING MEASURES

Flash Point (Method)

Not Applicable

Upper Flammable Limit

Not Applicable

Lower Flammable Limit

Not Applicable

Extinguishing Media

Use carbon dioxide, dry chemical, foam, fog or water spray.

Special Firefighting Procedures

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.

Unusual Fire and Explosion Hazards

None
5 FIRE FIGHTING MEASURES (continued)

Combustion Decomposition
When heated to decomposition carbon monoxide, carbon dioxide, olefinic and paraffinic hydrocarbons, aldehydes and alcohols may be produced.

Auto-ignition Temperature
650°F (estimated)

Explosion Data
Polyethylene dust can form flammable and explosive mixtures with air.

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
Black or white plastic bags.

Viscosity
Not applicable
### Physical and Chemical Properties (continued)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>Strong oxidizers, acids and bases.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Hazardous</td>
<td>When heated to decomposition carbon monoxide, carbon dioxide, olefinic and paraffinic hydrocarbons, aldehydes and alcohols may be produced.</td>
</tr>
</tbody>
</table>

### Toxicological Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Toxicity</td>
<td>No adverse effects expected from swallowing this product.</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Any foreign body in the eye will cause irritation. No adverse effects are expected from contact.</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>No adverse effects are expected from normal contact. Molten or heated bags may cause serious burns.</td>
</tr>
<tr>
<td>Dermal Toxicity</td>
<td>No adverse effects are expected.</td>
</tr>
<tr>
<td>Inhalation Toxicity</td>
<td>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.</td>
</tr>
<tr>
<td>Acute Toxicity Values</td>
<td>No acute toxicity data is available.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>This product is not expected to cause skin or respiratory sensitization.</td>
</tr>
<tr>
<td>Chronic Toxicity</td>
<td>No chronic effects of exposure are expected for normal product use.</td>
</tr>
<tr>
<td>Medical Conditions Aggravated By Exposure</td>
<td>This product is not expected to aggravate existing medical conditions.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No evidence of carcinogenicity from available information</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>No evidence of mutagenicity from available information.</td>
</tr>
<tr>
<td>Reproductive Toxicity and Teratogenicity</td>
<td>No evidence of adverse reproductive effects from the available information.</td>
</tr>
</tbody>
</table>
ECOLOGICAL INFORMATION

Aquatic/Terrestrial Toxicity
No data is available at this time. These products are inert plastic products. No adverse environmental effects are expected from normal use or disposal.

Environmental Fate

DISPOSAL CONSIDERATIONS

Waste Disposal
Dispose in accordance with federal, state and local regulations as ordinary trash.

TRANSPORT INFORMATION

U.S. DOT Non-Bulk Shipping Description
None - Not Regulated.

ID Number
None

Hazard Class
None

Packing Group
None

Label
None

Markings
None

Placards
None

IMDG Code Shipping Description
NONE - NOT REGULATED

Technical Name
NONE

ID Number
NONE

Hazard Class
NONE

Packing Group
NONE

Label
NONE

Markings
NONE

Placards
NONE

IMDG Page
NONE

REGULATORY INFORMATION

U.S. TSCA Inventory/other TSCA Regulations.
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.

None

SARA Section 313
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)
15  REGULATORY INFORMATION (continued)

CERCLA Hazardous Substances (Section 103)/RQ
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.

California Proposition 65
These products do not contain chemicals regulated by the State of California under proposition 65.

Canada
These products are considered manufactured items under CEPA regulations and are not subject to its requirements, however, all of the components of this product are listed on the Canadian Domestic Substances List (DSL).

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.

Revision Indicators
Supersedes: January 16, 1998  Revised Sections: Sections 1, 16 (New Company Name)

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.