



# Material Safety Data Sheet

WHMIS (Pictograms)

WHMIS (Classification)

HCS



Not a WHMIS controlled material.

Not controlled under the HCS (United States).

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>Rim Cage With O3Z Enzymatic Block</b>	Code	252
Synonym	Rim Cage With O3Z Enzymatic Block	CAS #	Not applicable.
Chemical Family	Not available.	Validation Date	5/5/2003
Chemical Formula	Not applicable.	Print Date	7/28/2003
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156	In Case of Emergency	Chemtrec (800) 424-9300
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL	DSL : All components listed unless noted elsewhere on this MSDS		
<b>Protective Clothing</b>			

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
1) Sodium Sulfate	7757-82-6	>55	Not available.	Not available.
2) Polyethylene Glycol	25322-68-3	<10	Not available.	Not available.
3) Nonionic Surfactant	9003-11-6	<10	Not available.	Not available.
4) Industrial Soap	N/A	<10	Not available.	Not available.
5) Polymeric Dyes	N/A	<10	Not available.	Not available.
6) Live Bacteria Dispersion	N/A	<2	Not available.	Not available.
7) Malodor Counteractant	N/A	<2	Not available.	Not available.
8) Perfume Oil	N/A	<1	Not available.	Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects	No specific information is available in our database regarding the acute toxic effects of this material for humans.
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

Eye Contact	Remove contact lenses. Flush with large quantities of water. Seek medical attention if irritation persists.
Skin Contact	Wash with soap and water. Seek medical attention if irritation persists.
Inhalation	N/A
Ingestion	Induce vomiting. Seek medical attention immediately.

### Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	Water spray, carbon dioxide, dry chemical.
Special Remarks on Fire Hazards	Full protective equipment.
Special Remarks on Explosion Hazards	None known.

### Section 6. Accidental Release Measures

Small Spill and Leak	N/A
Large Spill and Leak	Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### Section 7. Handling and Storage

Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. DO NOT breathe dust.
Incompatibility	None known.
Storage	Keep out of the reach of children. Not for use or storage in or around the home.

### Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	
<i>Respiratory</i>	Not applicable.
<i>Hands</i>	Not applicable.
Protective Clothing (Pictograms)	
Exposure Limits	Not available.

### Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid.	Odor	Agreeable. (Strong.)
Molecular Weight	Not applicable.	Taste	Not available.
pH	Not available.	Color	Solid Disk (Dark.)
Boiling/Condensation Point	N/A		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.2 (Water = 1)		
Vapor Pressure	N/A		

<b>Vapor Density</b>	<1 (Air = 1)
<b>Volatility</b>	Not available.
<b>VOC</b>	Not available.
<b>Evaporation Rate</b>	Not available.
<b>Dispersion Properties</b>	See solubility in water.
<b>Solubility</b>	Easily soluble in cold water.
<b>The Product is:</b>	May be combustible at high temperature.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Fire Hazards in Presence of Various Substances</b>	No specific information is available in our database regarding the flammability of this product in presence of various materials.
<b>Explosion Hazards in Presence of Various Substances</b>	Not applicable

### **Section 10. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	None known.
<b>Hazardous Decomposition Products</b>	Will not occur.

### **Section 11. Toxicological Information**

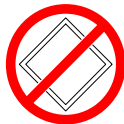
<b>Routes of Entry</b>	NONE
<b>Toxicity to Animals</b>	LD50: Not available. LC50: Not available.
<b>Acute Effects on Humans</b>	
	<i>Eyes</i> May be irritating to the eyes. May cause redness.
	<i>Skin</i> May be irritating to the skin. May cause redness.
	<i>Inhalation</i> N/A
	<i>Ingestion</i> May cause nausea, abdominal pain, diarrhea, and vomiting.
<b>Chronic Effects on Humans</b>	Repeated skin exposure can produce local skin destruction, or dermatitis.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.

**Section 12. Ecological Information**

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

**Section 13. Disposal Considerations**

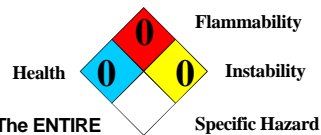
Waste Information	Any method in accordance with applicable laws.
Waste Stream	Not available.

**Section 14. Transport Information****DOT (U.S.A)  
(Pictograms)****TDG Classification** Not controlled under TDG (Canada).**PIN UN, Proper Shipping Name, PG** Not applicable.**Maritime Transportation** Not available.**Special Provisions for Transport** Not applicable.**Section 15. Other Regulatory Information and Pictograms****WHMIS (Classification)** Not a WHMIS controlled material.**Regulatory Lists** No products were found.**Other Regulations** Not available. or of its ingredients**Other Classifications****HCS (U.S.A.)** Not controlled under the HCS (United States).**USA Regulatory Lists****DSD (EEC)** This product is not classified according to the EU regulations.**International Regulations Lists**

**Hazardous Material  
Information System  
(U.S.A.)**

Health	1
Flammability	0
Physical Hazard	0

**National Fire  
Protection  
Association (U.S.A.)**



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

**Section 16. Other Information**

Validated by CRushton on 5/5/2003.

Verified by CRushton.

Printed 7/28/2003.

**Information Contact**    **Betco Corporation**  
1001 Brown Avenue  
Toledo, Ohio 43607

Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 5/5/2003.

**Rim Cage With O3Z Enzymatic Block**

Page: 5/5

**Continued on Next Page**