




Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	Not controlled under WHMIS (Canada). WHMIS (Classification)	Not controlled under the HCS (United States). HCS
---	--	--

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Flat Urinal Screen With O3Z	Code	251
Synonym	Flat Urinal Screen With O3Z	CAS #	Not applicable.
Chemical Family	Not available.	Validation Date	5/5/2003
Chemical Formula	Not applicable.	Print Date	3/27/2004
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/ NDSL	All components listed unless noted elsewhere on this MSDS		
Protective Clothing			

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
1) Polyethylene Glycol	25322-68-3	>65	Not available.	Not available.
2) Propylene Glycol	57-55-6	<10	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat].
3) Perfume Oil	N/A	<10	Not available.	Not available.
4) Dye	N/A	<10	Not available.	Not available.
5) Malodor Counteractant	N/A	<5	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	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	N/A

Section 5. Fire Fighting Measures

Products of Combustion	soot
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	Pick up solids and put in an appropriate sealed container for later disposal
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	After handling, always wash hands thoroughly with soap and water.
Incompatibility	Strong oxidizing agents.
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	
Eyes	Safety glasses.
Body	
Respiratory	Not applicable.
Hands	Not applicable.
Protective Clothing (Pictograms)	
Exposure Limits	Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid.	Odor	Fruity.
Molecular Weight	Not applicable.	Taste	Not available.
pH	Not applicable.	Color	Blue. (Dark.)
Boiling/Condensation Point	N/A		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	0.994 (Water = 1)		
Vapor Pressure	N/A		
Vapor Density	>1 (Air = 1)		

Volatility	Not available.
VOC	Not available.
Evaporation Rate	<1
Dispersion Properties	Not available.
Solubility	Insoluble in cold water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	Not available.
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Strong oxidizing agents.
Hazardous Decomposition Products	Will not occur.

Section 11. Toxicological Information

Routes of Entry	NONE
Toxicity to Animals	Acute oral toxicity (LD50): 5000 mg/kg [Rat]. (Propylene Glycol).
Acute Effects on Humans	
	<i>Eyes</i> Eye irritant. May cause redness.
	<i>Skin</i> Skin irritant. May cause redness.
	<i>Inhalation</i> N/A
	<i>Ingestion</i> N/A
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity

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.

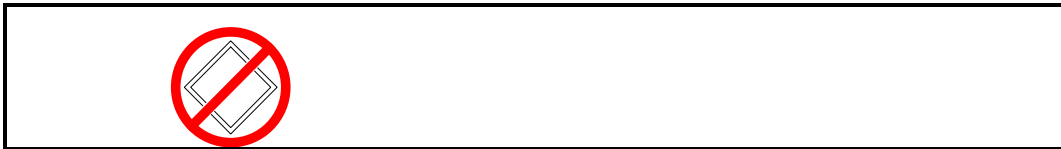
Section 13. Disposal Considerations

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 controlled under WHMIS (Canada).



Regulatory Lists No products were found.

Other Regulations

Other Classifications

HCS (U.S.A.) Not controlled under the HCS (United States).

USA Regulatory Lists

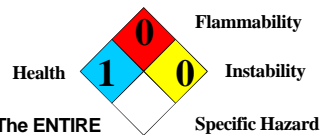
DSD (EEC) This product is not classified according to the EU regulations.

International Regulations Lists No products were found.

**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 3/27/2004.

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.

Flat Urinal Screen With O3Z

Page: 5/5

Continued on Next Page