



# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	WHMIS Class D-2B: Material causing other toxic effects (TOXIC).	HCS Class: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>Game Time Cleaner</b>	Code	697
Synonym	Wood Floor Maintenance Cleaner	Version Number	2
Chemical Family	Not available.	Validation Date	8/3/2010
Chemical Formula	Not applicable.	Print Date	8/3/2010
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		
		<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>
2-Butoxyethanol	111-76-2	5 - 10	TWA: 20 (ppm) from ACGIH (TLV) [United States] TWA: 50 (ppm) from OSHA (PEL) [United States]	ORAL (LD50): Acute: 1746 mg/kg [Rat].
Nonionic Surfactant	9003-11-6	5 - 10	Not available.	Not available.
Sodium Xylene Sulfonate	1300-72-7	1 - 5	Not available.	ORAL (LD50): Acute: 650 mg/kg [Rat]. 5939 mg/kg [Mouse].

## Section 3. Hazards Identification

<b>Potential Acute Health Effects</b>	This product may irritate eyes and skin upon contact. Harmful if absorbed through the skin. Harmful if swallowed.
<b>Potential Chronic Health Effects</b>	Over-exposure by inhalation may cause respiratory irritation. May aggravate existing respiratory conditions. Repeated or prolonged exposure to the substance can produce damage to BLOOD KIDNEYS LIVER.
<b>Carcinogenic Effects</b>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
<b>Skin Contact</b>	After contact with skin, wash immediately with plenty of water. If irritation persists, seek medical attention.

<b>Inhalation</b>	Evacuate the victim to a safe area as soon as possible. Oxygen may be administered if breathing is difficult. Seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Call a poison control center or doctor immediately for treatment advice.

### Section 5. Fire Fighting Measures

<b>Products of Combustion</b>	Not determined.
<b>Fire Fighting Media and Instructions</b>	Use DRY chemicals, CO2, water spray or foam.
<b>Special Remarks on Fire Hazards</b>	No additional remark.
<b>Special Remarks on Explosion Hazards</b>	No additional remark.


### Section 6. Accidental Release Measures

<b>Small Spill and Leak</b>	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container.
<b>Large Spill and Leak</b>	Absorb with DRY earth, sand or other non-combustible material.
<b>Personal Protection in Case of a Large Spill</b>	Splash goggles. Gloves (impervious). Boots.

### Section 7. Handling and Storage

<b>Precautions</b>	Avoid contact with skin and eyes. DO NOT ingest. Handle and open container with care.
<b>Incompatibility</b>	Not determined.
<b>Storage</b>	Keep out of the reach of children.

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Good general ventilation should be sufficient to control airborne levels.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	Wear appropriate respirator when ventilation is inadequate.
<i>Hands</i>	Gloves (impervious).
<b>Protective Clothing (Pictograms)</b>	
<b>Exposure Limits</b>	See Section 2 For Applicable Exposure Limits

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid	<b>Odor</b>	Characteristic.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH</b>	7 - 8	<b>Color</b>	Blue.
<b>Boiling/Condensation Point</b>	212°F initial		
<b>Melting/Freezing Point</b>	Not available.		

<b>Critical Temperature</b>	Not available.
<b>Instability Temperature</b>	Not available.
<b>Specific Gravity</b>	1.006
<b>Vapor Pressure</b>	Not determined.
<b>Vapor Density</b>	>1 (Air = 1)
<b>Volatility</b>	> 80%
<b>VOC</b>	Concentrate 10 % Dilution < 1%
<b>Evaporation Rate</b>	< Butyl acetate.
<b>Dispersion Properties</b>	Easily dispersed in any proportion in cold water and hot water.
<b>Solubility</b>	Easily soluble in cold water.
<b>The Product is:</b>	Combustible when exposed to heat or flame.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	None to 212 degrees F.
<b>Flammable Limits</b>	Not Established
<b>Fire Hazards in Presence of Various Substances</b>	Not determined.
<b>Explosion Hazards in Presence of Various Substances</b>	Not determined.

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

<b>Stability</b>	Stable.
<b>Incompatibility with Various Substances</b>	Not determined.
<b>Hazardous Decomposition Products</b>	Not determined.

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

<b>Routes of Entry</b>	Eye contact. Skin contact. Inhalation. Ingestion.
<b>Toxicity to Animals</b>	not available
<b>Acute Effects on Humans</b>	
	<i>Eyes</i> Irritating to eyes.
	<i>Skin</i> Irritant. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
	<i>Inhalation</i> Irritant. Irritating to mouth, throat and stomach.
	<i>Ingestion</i> May cause headache, dizziness, nausea, vomiting and diarrhea.
<b>Chronic Effects on Humans</b>	Over-exposure by inhalation may cause respiratory irritation. May aggravate existing respiratory conditions. Repeated or prolonged exposure to the substance can produce damage to BLOOD KIDNEYS LIVER.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.

Special Remarks on Chronic Effects on Humans No additional remark.

**Section 12. Ecological Information**

Ecotoxicity Not available.

BOD5 and COD Not Available

Products of Biodegradation Not determined.

Toxicity of the Products of Biodegradation Not determined.

Special Remarks on the Products of Biodegradation No additional remark.

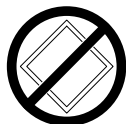
**Section 13. Disposal Considerations**

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Not available.

**Section 14. Transport Information**

DOT (U.S.A) (Pictograms)



TDG Classification Not a TDG controlled material.



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not available.

**Section 15. Other Regulatory Information and Pictograms**

WHMIS (Classification) WHMIS Class D-2B: Material causing other toxic effects (TOXIC).



Regulatory Lists No products were found.

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications HCS (U.S.A.) HCS Class: Irritating substance.

USA Regulatory Lists

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 2-Butoxyethanol: immediate health hazard, delayed health hazard  
 SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol 10%

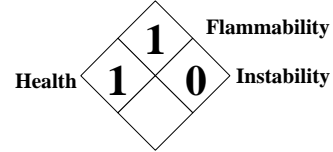
**DSD (EEC)** Irritating to eyes and skin.

**International Regulations Lists** No products were found.

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

Health	*	1
Flammability		1
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. **Specific Hazard**

**Section 16. Other Information**

Validated by LMorsch on 8/3/2010.

Verified by LMorsch.

Printed 8/3/2010.

**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 8/3/2010.

**Game Time Cleaner**

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