





# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 <b>WHMIS (Pictograms)</b>	<b>WHMIS Class E: Corrosive liquid. WHMIS CLASS D-2: Material causing other toxic effects.</b> <b>WHMIS (Classification)</b>	<b>Class: Irritating substance.</b> <b>Class: Corrosive material</b> <b>HCS</b>
--	---	---

## Section 1. Chemical Product and Company Identification

<b>Product Name/ Trade name</b>	<b>Best Bet</b>	<b>Code</b>	77
<b>Synonym</b>	Liquid Cream Cleanser	<b>CAS #</b>	Not applicable.
<b>Chemical Family</b>	Not available.	<b>Validation Date</b>	3/2/2007
<b>Chemical Formula</b>	Not applicable.	<b>Print Date</b>	3/24/2007
<b>Manufacturer/ Supplier</b>	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156	<b>In Case of Emergency</b>	Chemtrec (800) 424-9300
<b>TSCA</b>	TSCA Inventory: All components listed or are exempt from listing.		
<b>DSL/ NDSL</b>	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>
Silica Abrasive	14808-60-7	35-40	TWA: 0.1 (mg/m <sup>3</sup> )	Not available.
Alkylbenzene sulfonic Acid	68584-22-5	1-5	Not available.	Not available.
Nonionic Surfactant	9016-45-9	0-5	Not available.	Not available.
Perfume Oil	119-36-8	0-5	Not available.	Not available.

## Section 3. Hazards Identification

<b>Potential Acute Health Effects</b>	This product may irritate eyes and skin upon contact. Eye contact can result in corneal damage or blindness. Harmful if swallowed. May cause burns to mouth, throat and stomach.
<b>Potential Chronic Health Effects</b>	Repeated skin exposure can produce local skin destruction, or dermatitis.
<b>Carcinogenic Effects</b>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

<b>Eye Contact</b>	Flush with large quantities of water. Do not rub eyes. Seek medical attention if irritation persists.
<b>Skin Contact</b>	Flush affected area with water. Seek medical attention if irritation persists.
<b>Inhalation</b>	N/A
<b>Ingestion</b>	Do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.

### Section 5. Fire Fighting Measures

**Products of Combustion** Not available.

**Fire Fighting Media and Instructions** N/A

**Special Remarks on Fire Hazards** N/A

**Special Remarks on Explosion Hazards** N/A

### Section 6. Accidental Release Measures

**Small Spill and Leak** Chemical anti-splash goggles.

**Large Spill and Leak** Absorb with an inert material and put the spilled material in an appropriate waste 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** Keep locked up. Keep container dry. DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

**Incompatibility** Strong alkalis and oxidizers.

**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 for most conditions. Local exhaust ventilation may be necessary for some operations.

**Personal Protection**

*Eyes* Splash goggles.

*Body* Long Pants and Long Sleeves to avoid skin contact.

*Respiratory* Wear appropriate respirator when ventilation is inadequate.

*Hands* Gloves (impervious).

**Protective Clothing (Pictograms)**



**Exposure Limits**

**Silica Abrasive**

TWA: 0.1 (mg/m<sup>3</sup>)

NOTE: The exposure limit above applies to respirable silica. This product is a paste. Inhalation exposure to respirable silica will not occur when using this product under normal intended conditions of use.

### Section 9. Physical and Chemical Properties

**Physical State and Appearance** Liquid.

**Odor** Pleasant.

**Molecular Weight** Not applicable.

**Taste** Not available.

**pH** 1.5 to 2.5 [Acidic.]

**Color** Grayish white.

**Boiling/Condensation Point** 216°F initial

**Melting/Freezing Point** Not available.

<b>Critical Temperature</b>	Not available.
<b>Instability Temperature</b>	Not available.
<b>Specific Gravity</b>	1.3 (Water = 1)
<b>Vapor Pressure</b>	20mm Hg @ 68°F
<b>Vapor Density</b>	>1 (Air = 1)
<b>Volatility</b>	50
<b>VOC</b>	Not available.
<b>Evaporation Rate</b>	<1
<b>Dispersion Properties</b>	Not available.
<b>Solubility</b>	Not available.
<b>The Product is:</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	CLOSED CUP: >98.889°C (210°F).
<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>	Strong alkalis and oxidizers.
<b>Hazardous Decomposition Products</b>	Will not occur.

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

<b>Routes of Entry</b>	Eye Contact Skin contact. Ingestion.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 4610 mg/kg [Rat]. (Nonionic Surfactant).
<b>Acute Effects on Humans</b>	<p><i>Eyes</i> Eye irritant. Can be abrasive to the conjunctiva.</p> <p><i>Skin</i> Skin irritant. May cause redness, drying, and cracking.</p> <p><i>Inhalation</i> N/A</p> <p><i>Ingestion</i> May be irritating to the mouth, throat, and gastrointestinal system. Large doses may cause vomiting and diarrhea.</p>
<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.

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 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.

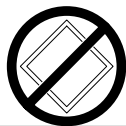
### Section 13. Disposal Considerations

Waste Information 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 E: Corrosive liquid. WHMIS CLASS D-2: Material causing other toxic effects.



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.) Class: Irritating substance. Class: Corrosive material

USA Regulatory Lists No products were found.

SARA 313: No components were found

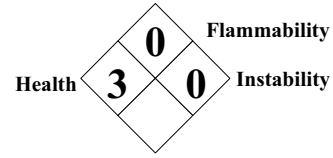
DSD (EEC)

International Regulations Lists No products were found.

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

Health	3
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. **Specific Hazard**

**Section 16. Other Information**

Validated by CRushton on 3/2/2007.

Verified by CRushton.

Printed 3/24/2007.

**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 3/2/2007.

**Best Bet**

**Page: 5/5**

**Continued on Next Page**