



# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

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

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>Best Bet</b>	Code <b>77</b>
Synonym	Liquid Cream Cleanser	CAS # Not applicable.
Chemical Family	Not available.	Validation Date <b>3/20/2004</b>
Chemical Formula	Not applicable.	Print Date <b>3/27/2004</b>
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>
1) Silica Abrasive	14808-60-7	35-40	TWA: 0.1 (mg/m <sup>3</sup> )	Not available.
2) Alkylbenzene sulfonic Acid	68584-22-5	1-5	Not available.	Not available.
3) Nonionic Surfactant	9016-45-9	0-5	Not available.	Not available.
4) Perfume Oil	119-36-8	0-5	Not available.	Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects	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.
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. Do not rub eyes. Seek medical attention if irritation persists.
Skin Contact	Flush affected area with water. Seek medical attention if irritation persists.
Inhalation	N/A
Ingestion	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	<p><i>Eyes</i> Splash goggles.</p> <p><i>Body</i> Long Pants and Long Sleeves to avoid skin contact.</p> <p><i>Respiratory</i> Wear appropriate respirator when ventilation is inadequate.</p> <p><i>Hands</i> Gloves (impervious).</p>
Protective Clothing (Pictograms)	
Exposure Limits	<p><b>Silica Abrasive</b> 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.</p>

## 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><b>Eyes</b> Eye irritant. Can be abrasive to the conjunctiva.</p> <p><b>Skin</b> Skin irritant. May cause redness, drying, and cracking.</p> <p><b>Inhalation</b> N/A</p> <p><b>Ingestion</b> 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.
<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	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

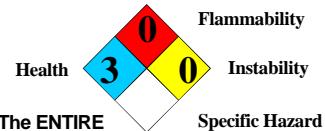
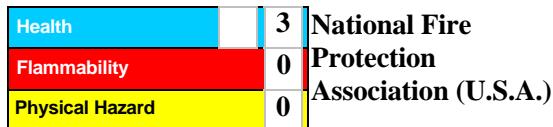
## Section 14. Transport Information

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	<table><tr><td>HCS (U.S.A.)</td><td>Class: Irritating substance. Class: Corrosive material</td></tr><tr><td>USA Regulatory Lists</td><td>No products were found.  SARA 313: No components were found</td></tr><tr><td>DSD (EEC)</td><td></td></tr><tr><td>International Regulations Lists</td><td>No products were found.</td></tr></table>	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.
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# Hazardous Material Information System (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 3/20/2004.

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 3/20/2004.

**Best Bet**

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