



Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

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

Section 1. Chemical Product and Company Identification

Product Name/ Classic Premium LD Trade name		Code	555
Synonym	Laundry Detergent	CAS #	Mixture.
Chemical Family	Not available.	Validation Date	3/2/2007
Chemical Formula	Not applicable.	Print Date	3/28/2007
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
Sodium Carbonate	497-19-8	40 - 50	Not available.	Not available.
Sodium Silicate	1344-09-8	0 - 5	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. This product is a severe eye irritant. Tissue Destruction Possible. May cause skin irritation. Vomiting and Diarrhea possible
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	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Products of Combustion Not available.

Fire Fighting Media and Instructions N/A

Special Remarks on Fire Hazards No additional remark.

Special Remarks on Explosion Hazards No additional remark.

Section 6. Accidental Release Measures

Small Spill and Leak Use appropriate tools to put the spilled solid in a convenient waste disposal container.

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 Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water. DO NOT ingest. Good general ventilation should be sufficient to control airborne levels. If ingested, seek medical advice immediately and show the container or the label. Keep container dry.

Incompatibility acids oxidizing agents

Storage Keep out of reach of children. Store in a dry, cool and well ventilated area. This product should be stored AWAY from oxidizing materials and strong bases. Not for use or storage in or around the home.

Section 8. Exposure Controls/Personal Protection

Engineering Controls If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection

Eyes Safety glasses.

Body Lab coat.

Respiratory Not applicable.

Hands Gloves (impervious).

Protective Clothing (Pictograms)



Exposure Limits Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance Solid. (Powdered solid.)

Odor Lemon like.

Molecular Weight Not applicable.

Taste Not available.

pH 10 to 12 (1% Solution)

Color Off-white.

Boiling/Condensation Point N/A

Melting/Freezing Point Not available.

Critical Temperature	Not available.
Instability Temperature	Not available.
Specific Gravity	Not available.
Vapor Pressure	N/A
Vapor Density	Not available.
Volatility	0
VOC	Not available.
Evaporation Rate	Not available.
Dispersion Properties	Dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.
Solubility	Soluble
The Product is:	Non-flammable.
Auto-ignition Temperature	
Flash Points	Not available.
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Non-flammable.
Explosion Hazards in Presence of Various Substances	Not Applicable

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	acids oxidizing agents
Hazardous Decomposition Products	not available

Section 11. Toxicological Information

Routes of Entry	Not available.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	<p><i>Eyes</i> Severely irritating to the eyes. Eye contact can result in corneal damage .</p> <p><i>Skin</i> Moderately irritating</p> <p><i>Inhalation</i> Slightly irritating to the respiratory system.</p> <p><i>Ingestion</i> May cause gastrointestinal discomfort. May cause nausea, vomiting and diarrhea.</p>
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 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 as toxic as the original product.

Special Remarks on the Products of Biodegradation No additional remark.

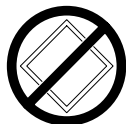
Section 13. Disposal Considerations

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 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) WHMIS CLASS D-2: Material causing other toxic effects.



Regulatory Lists CEPA DSL: No products were found.

Other Regulations Not available. or of its ingredients

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

USA Regulatory Lists

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Secondary Alcohol Ethoxylate
 SARA 313 toxic chemical notification and release reporting: Secondary Alcohol Ethoxylate

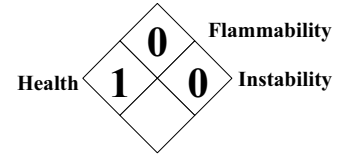
DSD (EEC) This product is not classified according to the EU regulations.

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. **Specific Hazard**

Section 16. Other Information

Validated by CRushton on 3/2/2007.

Verified by CRushton.
 Printed 3/28/2007.

Information Contact Betco Corporation
 1001 Brown Avenue
 Toledo, Ohio 43607

Notice to Read:

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.

Continued on Next Page