




MATERIAL SAFETY DATA SHEET

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	WHMIS CLASS E: Corrosive liquid. WHMIS (Classification)	HCS CLASS: Corrosive Liquid HCS
Section 1. Chemical Product and Company Identification		
Product Name/Trade Name	Diamond Break Xtra HD L1	Code PC# L1 6DPBX00
Synonym	Laundry Booster	CAS # Not Applicable.
Chemical Family	Not available	Validation Date Jan 21, 2015
Chemical Formula	Not applicable	In Case of Emergency 800-813-9621
Manufacturer/Supplier	Diamond Products 61 Shaver St. PO BOX 1507 Brantford, ON N3T 5V6 519-759-2443	Protective Clothing  
TSCA	TSCA Inventory: All components listed or are exempt from listing	
DSL/NDSL	All components listed unless noted elsewhere on this MSDS	

Section 2. Composition and Information on Ingredients				
Name	CAS #	% by Weight	Exposure Limits	LD50/LC50
Water	7732-18-5	55-100	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	30-50	2mg/m3 (ceiling)	LD50 ORAL RABBIT 400mg/kg

Section 3. Hazards Identification	
Potential Acute Health Effects	May cause chemical burns on contact. Eyes: May cause burning, tearing, redness and corneal damage. Skin: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed. May be harmful if swallowed.
Potential Chronic Health Effects	Not available
Carcinogenic Effects	NTP? No, IARC Monographs? No, OSHA Regulated? No
Target Organs:	Eyes, skin & mucous membranes
Medical conditions generally aggravated by exposure	Not available



Section 4. First Aid Measures	
Eye Contact	Immediately flush with sanitary eye wash solution or running water for at least 15 minutes. Obtain medical attention. Continue to flush eyes until medical attention arrives.
Skin Contact	Flush thoroughly with cool water. Seek medical attention if irritation persists, symptoms may be delayed. Remove and wash contaminated clothing before reuse.
Ingestion	DO NOT induce vomiting. Drink water, rinse mouth and immediately call a physician. Never give anything by mouth to an unconscious person.
Inhalation	No hazardous vapors.
	Sources Used: Raw material data, general toxicology from the trade for similar products.

Section 5. Fire Fighting Measures	
Flammability	Non flammable
Fire Fighting Media and Instruction	Not applicable
Special Remarks on Fire Hazards	Not applicable
Special Remarks on Explosion Hazards	Not applicable

Section 6. Accidental Release Measures	
Accidental Spill or Leak	Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.
Personal Protection in Case of a Spill	Approved safety goggles or shield, Natural rubber or synthetic gloves. Long pants and long sleeves.

Section 7. Handling and Storage	
Precautions	Wear appropriate protective gear when handling. Keep out of reach of children. Keep from freezing. Do not contaminate food or beverages with cleaning chemicals. Good general mechanical ventilation.
Incompatibility	Not available.
Storage	Normal care in handling and storage. Keep out of reach of children. Keep from freezing.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Respiratory protection not required. Normal General ventilation as required to keep vapor levels below TLV & PEL listed in section 2.	
Personal Protection	Eyes	Approved safety goggles or glasses or face shield.
	Body	Rubber footwear
	Respiratory	Not normally required if adequate ventilation is provided.
	Hands	Rubber or synthetic gloves.
Protective Clothing (pictogram)	 	
Work/Hygienic Practices	Do not contaminate food or beverages with cleaning chemicals.	

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Characteristic
Molecular Weight	Not applicable		
pH	13-14	Color	Clear
Boiling/Condensation Point	212 °F (100 °C)		
Melting/Freezing Point	Not applicable		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	1.22 (H2O=1)		
Vapor Pressure	Not Available.		
Vapor Density	Not Available.		
Volatility	Not Available.		
VOC	Not available.		
Evaporation Rate	Not Available.		
Dispersion Properties	Not available.		
Solubility	Complete in water		
The Product is:	Stable		
Auto-ignition Temperature	Not applicable		
Flash Points	None		
Flammable Limits	Not applicable		
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in the presence of various materials.		
Explosion Hazards in Presence of Various Substances	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.		

Section 10. Stability and Reactivity Data

Stability	This product is stable.
Incompatibility with Various Substances	Not available
Hazardous Decomposition Products	Not available

Section 11. Toxicological Information

Routes of Entry	Skin Absorption, Ingestion, Inhalation, Eye Contact	
Acute Effects on Humans	Eyes	Corrosive to eyes on contact. May cause chemical burns. May cause burning, tearing, redness and corneal damage.
	Skin	Corrosive to skin on contact. May cause chemical burns. May cause slippery feeling, swelling and burns. Symptoms may be delayed.
	Inhalation	No hazardous vapors
	Ingestion	May be harmful if swallowed.
	Chronic Effects on Humans	None listed
Special Remarks on Effects on Humans	Not available	
Teratogen, Mutagen, Reproductive Toxin Status	Not available	
Toxicologically Synergistic Products	Not available	



Section 12. Ecological Information

Ecotoxicity	Not available.
Chemical Fate Info	Not available.


Section 13. Disposal Considerations

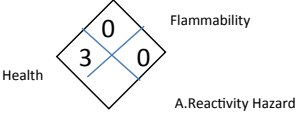
Waste Information Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)		
TDG Classification	8	
PIN UN, Proper Shipping Name, PG	Shipping name: Corrosive liquids, basic, inorganic, n.o.s. (Sodiumhydroxide solution) 1760 PGII	
Maritime Transportation	Not available.	
Special Provisions for Transport	Not available.	

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	WHMIS CLASS E: Corrosive Liquid.									
Regulatory Lists	All ingredients listed.									
Hazardous Material Information System (U.S.A.)	<table border="1" style="display: inline-table;"> <tr><td>Health</td><td style="text-align: center;">3</td></tr> <tr><td>Flammability</td><td style="text-align: center;">0</td></tr> <tr><td>A. Reactivity Hazard</td><td style="text-align: center;">0</td></tr> </table>	Health	3	Flammability	0	A. Reactivity Hazard	0	<table border="1" style="display: inline-table;"> <tr><td>National Fire Protection Association (U.S.A.)</td><td style="text-align: center;">0</td></tr> </table>	National Fire Protection Association (U.S.A.)	0
Health	3									
Flammability	0									
A. Reactivity Hazard	0									
National Fire Protection Association (U.S.A.)	0									
<p>The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE Specific Hazard MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.</p>										



Section 16. Other Information

Prepared by Hawco Products Ltd.	Verified by A White
Information Contact	Hawco Products Ltd./Diamond Products 61 Shaver St. PO BOX 1507 Brantford, ON N3T 5V6

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.