






MATERIAL SAFETY DATA SHEET

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	WHMIS CLASS D-2B Material Causing other toxic effects: Irritant WHMIS (Classification)	HCS CLASS: Irritating Substance HCS		
Section 1. Chemical Product and Company Identification				
Product Name/Trade Name	Powdered Laundry Detergent HD82	Code 6DPPL50		
Synonym	Laundry Detergent	CAS # Mixture		
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. Information on Hazardous Ingredients				
Name	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Carbonate	497-19-8	<50	Not available	Not available
Sodium Silicate	1344-09-8	<20	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 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 Instruction	N/A			
Special Remarks on Fire Hazards	No additional remarks			
Special Remarks on Explosion Hazards	No additional remarks			
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 immediate medical advice and show the container or 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 <u>Splash Goggles or Safety Glasses</u>
	Body <u>Lab coat</u>
	Respiratory <u>Not applicable</u>
	Hands <u>Gloves (impervious).</u>
Protective Clothing (pictogram)	 

Section 9. Physical and Chemical Properties			
Physical State and Appearance	Solid (Powdered solid)	Odor	Lemon like
Molecular Weight	Not applicable		
pH	10 to 12 (1% Solution)	Color	White
Boiling/Condensation Point	Not Available.		
Melting/Freezing Point	Not Available.		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	Not available		
Vapor Pressure	Not applicable		
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	Not applicable		
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	<u>This product is stable.</u>
Incompatibility with Various Substances	<u>Acids Oxidizing Agents</u>
Hazardous Decomposition Products	<u>Not available</u>

Section 11. Toxicological Information	
Routes of Entry	<u>Not available</u>
Acute Effects on Humans	Eyes <u>Severely irritating to eyes. Eye contact can result in corneal damage.</u>
	Skin <u>Moderately irritating.</u>
	Inhalation <u>Slightly irritating to the respiratory system.</u>
	Ingestion <u>May cause gastrointestinal discomfort. May cause nausea, vomiting and diarrhea.</u>
Chronic Effects on Humans	<u>Repeated skin exposure can produce local skin destruction or dermatitis.</u>
Special Remarks on Chronic Effects on Humans	<u>No additional remark.</u>

Section 12. Ecological Information	
Ecotoxicity	<u>Not available.</u>
BOD5 AND COD	<u>Not available.</u>
Products of Biodegradation	<u>Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.</u>
Toxicity of the Products of Biodegradation	<u>as toxic as the original product</u>
Special Remarks on the Products of Biodegradation	<u>No additional remark.</u>

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: Materials causing other toxic effects	
Regulatory Lists	CEPA DSL: No products were found	

Other Regulations

Other Classifications	HCS (U.S.A.)	HCS CLASS: Irritating Substance
	USA Regulatory Lists	SARA Title III 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) International Regulations Lists	This product is not classified according to the EU regulations. No products were found

Hazardous Material Information System (U.S.A.)	Health	1	National Fire Protection Association (U.S.A.)	Flammability	0
	Flammability	0		Health	1
	Physical Hazard	0		Instability	0

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

Prepared by Hawco Products Ltd.	Verified by A White	Jan 21, 2015
Information Contact	Hawco Products Ltd./Diamond Products 61 Shaver St. PO BOX 1507 Brantford, ON N3T 5V6	

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