



MATERIAL SAFETY DATA SHEET

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

WHMIS (Pictograms)	Not Regulated WHMIS (Classification)	HCS CLASS: HCS
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Section 1. Chemical Product and Company Identification

Product Name/Trade Name	Diamond Laundry Detergent Plus HD59	Code	6DPLD00
Synonym	Water Based Liquid Cleaner	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. Information on Hazardous Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC50/LD50
Dodecylbenzene Sulfonic Acid	27176-87-0	10-30	Not applicable	>200mg/L(rat,1Hour)/1300mg/k(rat,oral)
Surfactant Mixture	Proprietary	10-20	Not applicable	Not available
Sodium Xylene Sulfonate	1300-72-7	5-10	None	n/a/ >2000mg/kg(rat,oral)

Section 3. Hazards Identification

Potential Acute Health Effects	May cause irritation to eyes on contact, may cause some irritation to skin on direct contact. May be harmful if swallowed.
Potential Chronic Health Effects	Not Available
Carcinogenic Effects	NTP? No, IARC Monographs? No, OSHA Regulated? No
Target Organs	No additional data.
Medical Conditions Generally Aggravated by Exposure	Not available

Section 4. First Aid Measures

Eye Contact	Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin Contact	Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
Inhalation	Not applicable. No hazardous vapors.
Ingestion	Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.
Sources Used: Raw material data, general toxicology from the trade for similar products.	

Section 5. Fire Fighting Measures

Products of Combustion	Non-Flammable
Fire Fighting Media and Instruction	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	Dike and contain spill with inert material (sand, earth, etc.) Collect spill with mop, absorbant material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.
Large Spill and Leak	Dike and contain spill with inert material (sand, earth, etc.) Collect spill with mop, absorbant material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.
Personal Protection in Case of a Large Spill	Approved safety goggles or glasses. Protective gloves: natural rubber or synthetic. Footwear not required.

Section 7. Handling and Storage

Precautions	Normal care in handling and storage. Keep out of reach of children. Keep from freezing.
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HD59 Diamond Laundry Detergent Plus

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	Normal good ventilation is sufficient.
Personal Protection	Eyes <u>Approved safety goggles or glasses.</u>
	Body <u>Not required</u>
	Respiratory <u>Not applicable</u>
	Hands <u>Gloves (natural rubber or synthetic)</u>
Protective Clothing (pictogram)	 
Work/Hygienic Practices	Do not contaminate food or beverages with cleaning chemicals, use potable water rinse.
Exposure Limits	Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties			
Physical State and Appearance	Liquid.	Odor	Mild Odor
Molecular Weight	Not applicable		
pH	7-8	Color	Blue
Boiling/Condensation Point	approx 212°F		
Melting/Freezing Point	Not Available.		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	1.028 (water=1)		
Vapor Pressure	Not Available.		
Vapor Density	<1 (Air=1)		
Volatility	Not applicable		
VOC	Not available.		
Evaporation Rate	Not available.		
Dispersion Properties	Not available.		
Solubility	Complete in water		
The Product is:	Stable		
Auto-ignition Temperature	Not available.		
Flash Points	Not available.		
Flammable Limits	Not available.		
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	Ingestion
Acute Effects on Humans	Eyes <u>May cause irritation on direct contact.</u>
	Skin <u>No effects expected.</u>
	Inhalation <u>No hazardous vapors.</u>
	Ingestion <u>May be harmful if swallowed.</u>
Chronic Effects on Humans	Not available
Special Remarks on Chronic Effects on humans	No additional remark.
Toxicologically Synergistic Products	Not available
Teratogen, Mutagen, Reproductive Toxin Status	No

Section 12. Ecological Information	
Ecotoxicity	Not available.
BOD5 AND COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

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.
Waste Stream	Not available

Section 14. Transport Information	
DOT (U.S.A.) (Pictograms)	
TDG Classification	
PIN UN, Proper Shipping Name, PG	Shipping name: Compound, Cleaning Liquid, N.O.I., UN#: N/A, PG: Not applicable
Maritime Transportation	Not available.
Special Provisions for Transport	Not available.

Section 15. Other Regulatory Information and Pictograms								
WHMIS (Classification)	Class Not Regulated							
Regulatory Lists	All ingredients listed.							
Other Regulations								
Other Classifications	<p>CERCLA Reportable Quality: None</p> <p>SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: None Section 313 Toxic Chemicals: None</p> <p>WHMIS CLASS: Not Regulated</p>							
Hazardous Material Information System (U.S.A.)	<table border="1"> <tr> <td>Health</td> <td>1</td> <td rowspan="3"> </td> </tr> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>A. Reactivity Hazard</td> <td>0</td> </tr> </table> <p>National Fire Protection Association (U.S.A.)</p>	Health	1		Flammability	0	A. Reactivity Hazard	0
Health	1							
Flammability	0							
A. Reactivity Hazard	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	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.