




MATERIAL SAFETY DATA SHEET

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 <p>WHMIS (Pictograms)</p>	<p>WHMIS CLASS E: Corrosive Liquid Material causing immediate and serious toxic effects.</p> <p>WHMIS (Classification)</p>	<p>HCS CLASS: Corrosive Liquid</p> <p>HCS</p>
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Section 1. Chemical Product and Company Identification

Product Name/Trade Name	Diamond Crystal Clear Acidic HD28	Code	6DPCC00
Synonym	Rinse Aid	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
Sodium Xylene Sulfonate	1300-72-7	10-15	Not applicable	n/a / 4000 mg/kg(rat, oral)
Hydroxyacetic Acid	79-14-1	5-10	Not applicable	7.7mg/L(rat,4H)/1950mg/kg(rat,oral)

Section 3. Hazards Identification

Potential Acute Health Effects	Corrosive to skin & eyes. May cause irritation or burns to skin and eyes on contact. Harmful if swallowed. No unusual vapor hazards.
Potential Chronic Health Effects	Not Available
Carcinogenic Effects	NTP? No, IARC Monographs? No, OSHA Regulated? No
Target Organs	Skin & eyes
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. Obtain immediate medical attention.
Skin Contact	Flush thoroughly with cool water, seek medical attention. Remove and wash contaminated clothing before reuse.
Inhalation	No unusual vapor hazards.
Ingestion	DO NOT INDUCE Vomiting! 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, absorbent 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, absorbent 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.
Incompatibility	Strong Oxidizing Materials

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

Section 9. Physical and Chemical Properties			
Physical State and Appearance	Liquid.	Odor	Mild aroma
Molecular Weight	Not applicable		
pH	2-3	Color	Clear
Boiling/Condensation Point	approx 212°F (100°C)		
Melting/Freezing Point	Not Available.		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	1.0 - 1.05 (water=1)		
Vapor Pressure	Not Available.		
Vapor Density	Not Available.		
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 applicable		
Flash Points	Not applicable		
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	<u>This product is stable.</u>
Incompatibility with Various Substances	<u>Strong Oxidizing Materials</u>
Hazardous Decomposition Products	<u>Oxides of Carbon</u>

Section 11. Toxicological Information									
Routes of Entry	<u>Skin Absorption, Ingestion, Inhalation, Eye Contact</u>								
Acute Effects on Humans	<table border="0"> <tr> <td>Eyes</td> <td><u>Corrosive to eyes. May cause irritation or burns on contact.</u></td> </tr> <tr> <td>Skin</td> <td><u>Corrosive to skin. May cause irritation or burns on contact.</u></td> </tr> <tr> <td>Inhalation</td> <td><u>No unusual vapor hazards.</u></td> </tr> <tr> <td>Ingestion</td> <td><u>Harmful if swallowed.</u></td> </tr> </table>	Eyes	<u>Corrosive to eyes. May cause irritation or burns on contact.</u>	Skin	<u>Corrosive to skin. May cause irritation or burns on contact.</u>	Inhalation	<u>No unusual vapor hazards.</u>	Ingestion	<u>Harmful if swallowed.</u>
Eyes	<u>Corrosive to eyes. May cause irritation or burns on contact.</u>								
Skin	<u>Corrosive to skin. May cause irritation or burns on contact.</u>								
Inhalation	<u>No unusual vapor hazards.</u>								
Ingestion	<u>Harmful if swallowed.</u>								
Chronic Effects on Humans	<u>Not available</u>								
Special Remarks on Chronic Effects on Humans	<u>No additional remark.</u>								
Teratogen, Mutagen, Reproductive Toxin Status	<u>Not available</u>								
Toxicologically Synergistic Products	<u>Not available</u>								

Section 12. Ecological Information	
Ecotoxicity	<u>Not available.</u>
BOD5 AND COD	<u>Not available.</u>
Products of Biodegradation	<u>Not available.</u>

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Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.


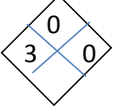
Section 13. Disposal Considerations

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	Not regulated
Maritime Transportation	Not available.
Special Provisions for Transport	Not available.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	WHMIS CLASS E: Corrosive Liquid. Immediate Health Hazard							
Regulatory Lists	All ingredients listed.							
Other Regulations								
Other Classifications	CERCLA Reportable Quality: none SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate Health Hazard Section 313 Toxic Chemicals: None WHMIS CLASS E Risk Phrase: R21, R22, R41 Precautions: S2, S26, S62							
Hazardous Material Information System (U.S.A.)	<table border="1"> <tr> <td>Health</td> <td>3</td> </tr> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>A. Reactivity Hazard</td> <td>0</td> </tr> </table>	Health	3	Flammability	0	A. Reactivity Hazard	0	National Fire Protection Association (U.S.A.)  Flammability A. Reactivity Hazard
Health	3							
Flammability	0							
A. Reactivity Hazard	0							
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.								

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
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 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.