




MATERIAL SAFETY DATA SHEET

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)		WHMIS Class E: Corrosive WHMIS (Classification)		HCS CLASS: Corrosive Solid HCS	
Section 1. Chemical Product and Company Identification					
Product Name/Trade Name		Diamond UCD Automatic #22		Code 6DPUA00	
Synonym		Powdered Detergent		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	LC50/LD50
Sodium Sulfate	7757-82-6	35-45	2 ppm	N.Av / 820 mg/kg (rat, oral)
Sodium Metasilicate Pentahydrate	9004-82-4	15-25	2 mg/m3	N.Av / 800 mg/kg (rat, oral)
Sodium Tripolyphosphate	7758-29-4	15-25	Not applicable	.39 mg/L(rat 4H)/ 285 mg/kg (rat,oral)
Sodium Carbonate	497-19-8	15-25	Not applicable	2.3 mg/L(rat, 2hr)/4090 mg/kg(rat,oral)
Sodium Dichloroisocyanurate dihydrate	1580-86-0	1-5	Not applicable	Not Available

Section 3. Hazards Identification	
Potential Acute Health Effects	May cause eye irritation burns on contact. May cause irritation or burns to skin. May be harmful if swallowed.
Potential Chronic Health Effects	No effects expected
Carcinogenic Effects	NTP? No, IARC Monographs? No, OSHA Regulated? No
Target Organs	No additional data.
Medical Conditions Generally Aggravated by Exposure	Dermatitis

Section 4. First Aid Measures	
Eye Contact	Flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
Skin Contact	Flush thoroughly with cool water. Seek medical attention. Remove and wash contaminated clothing before reuse.
Inhalation	Not applicable. No hazardous vapors.
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	Contain spill. Collect spill with broom and shovel or vacuum. Thoroughly rinse affected area with water.
Large Spill and Leak	Contain spill. Collect spill with broom and shovel or vacuum. Thoroughly rinse affected area with water.
Personal Protection in Case of a Large Spill	Safety glasses or goggles, Protective gloves which are Chemical resistant.

Section 7. Handling and Storage			
Precautions	Normal care in handling and storage. Keep out of reach of children. Keep from freezing.		
Incompatibility	Acids and Bleach products.		
Storage	Normal care in handling and storage. Keep out of reach of children. Keep from freezing.		
Section 8. Exposure Controls/Personal Protection			
Engineering Controls	Not required		
Personal Protection	Eyes	Safety glasses or goggles	
	Body	Not required	
	Respiratory	Not applicable	
	Hands	Gloves (chemical resistant)	
Protective Clothing (pictogram)			
Work/Hygienic Practices	No special procedures.		
Exposure Limits	Not available		
Section 9. Physical and Chemical Properties			
Physical State and Appearance	Powder	Odor	Chlorine aroma
Molecular Weight	Not applicable		
pH	>12.5 10% solution	Color	White
Boiling/Condensation Point	Not applicable		
Melting/Freezing Point	Not applicable		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	Not applicable		
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 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	Acids and Bleach products		
Hazardous Decomposition Products	Not available		
Section 11. Toxicological Information			
Routes of Entry	Ingestion		
Acute Effects on Humans	Eyes	May cause irritation or burns on contact.	
	Skin	May cause irritation or burns on contact.	
	Inhalation	No hazardous vapors.	
	Ingestion	Harmful if swallowed.	
Chronic Effects on Humans	No effects expected.		

Special Remarks on Chronic Effects on humans	No additional remark.
Toxicologically Synergistic Products	Not available
Teratogen, Mutagen, Reproductive Toxin Status	Not available



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 sewer, 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	8	
PIN UN, Proper Shipping Name, PG	Shipping name: Corrosive solid, basic, inorganic, n.o.s. (sodium metasilicate 0), UN3262, PG II	
Maritime Transportation	Not available.	
Special Provisions for Transport	Not available.	

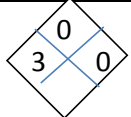
Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	Class E	
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Regulatory Lists All ingredients listed.

Other Regulations

Other Classifications	<p>CERCLA Reportable Quality None</p> <p>SARA Title III Section 302 Extremely Hazardous Chemicals: Section 311/312 Hazard Category: None Section 313 Toxic Chemicals: None</p> <p>WHMIS CLASS E Risk Phrase R21, R22, R41 Precautionary S2, S26, S62</p>
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Hazardous Material Information System (U.S.A.)	Health	3	National Fire		Flammability
	Flammability	0	Protection		
	A. Reactivity Hazard	0	Association (U.S.A.)		A. Reactivity Hazard

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	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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