

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Diamond Auto Power (PC-29)		
Product Class: Powdered Detergent		
Emergency Telephone Number: 1-800-813-9621		
Telephone Number for Information: 519-759-2443		
Manufactured By: Diamond Products 61 Shaver St. PO Box 1507 Brantford, ON N3T 5V6		
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s) %	
A	Sodium Carbonate 30 - 40 CAS #497-19-8	
B	Sodium Metasilicate < 1 CAS #9004-82-4	
C	Sodium Tripolyphosphate 15- 25 CAS #7758-29-4	
D	Sodium hydroxide 35 -45 CAS #1310-73-2	
E	Sodium Dichloroisocyanurate dihydrate 1 - 5 CAS #1580-86-0	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: White powder, Chlorine aroma.		
Primary Hazards: Corrosive.		
Potential Health Hazards		
Route(s) of Entry:	Skin Absorption: Ingestion: X Inhalation:	
Eye:	May cause Chemical burns on contact.	
Skin:	May cause Chemical burns on contact.	
Ingestion:	Harmful if swallowed.	
Inhalation:	No hazardous vapors.	
Signs and Symptoms of Exposure: May cause burns to eyes and skin on direct contact.		
Carcinogenicity:	NTP? No IARC Monographs? No	
OSHA Regulated?	No	
Target Organ (s):	No additional data	
Medical Conditions Generally Aggravated by Exposure:	Dermatitis	
Health Hazards, Chronic:	No effects expected.	
SECTION IV - FIRST AID MEASURES		
Emergency and First Aid Procedures:		
If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. 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.		
Sources Used: Raw material data, general toxicology from the trade for similar products.		
SECTION V - FIRE FIGHTING MEASURES		
Flammability:	No Autoignition Temperature: N. Ap.	
Flash Point (method used):	None	
Flammable Limits:	N. Ap. LEL UEL	
Extinguishing Media	N. Ap.	
Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	Dry Chemical?
Vaporizing Liquid?	Other?	
Special Fire Fighting Procedures:	N. Ap.	
Unusual Fire and Explosion Hazards:	N. Av.	
TDG Flammability Classification:	Non-flammable	
Sensitivity to Mechanical Impact:	None	
Sensitivity to Static Discharge:	None	
SECTION VI - ACCIDENTAL RELEASE MEASURES		
Steps to be Taken in Case Material is Released or Spilled:		
Contain spill. Collect spill with Broom and shovel or vacuum. Thoroughly rinse affected area with water.		
SECTION VII - HANDLING AND STORAGE		
Precautions to be Taken in Handling and Storing:		
Normal care in handling and storage.		
Other Precautions: Keep out of reach of children. Keep from freezing.		
SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION		
Respiratory Protection (Specify Types):	Not required	
Ventilation: Local Exhaust:	Not required	Special: Not required
Mechanical (General):	Not required	Other: Not required
Protective Gloves:	Chemical resistant	
Eye Protection:	Safety glasses	Footwear: Not required
Other Protective Clothing or Equipment:	Not required	
Work/Hygienic Practices:	No special procedures	

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point:	N. Ap.	pH: >12.5 10% solution			
Specific Gravity (H20) = 1:	N. Ap.	% Volatile: N. Ap.			
Vapor Density (Air = 1):	N. Av.	Odor Threshold: N. Av.			
Evaporation Rate (Butyl Acetate = 1):	N. Av.	Oil/Water Distribution			
Solubility in Water:	Complete	Coefficient: N. Av.			
Vapor Pressure (MM HG):	N. Av.				
Melting Point:	N. Ap.				
SECTION X - STABILITY AND REACTIVITY					
Stability:	Unstable: Stable: X				
Conditions to Avoid:	N. Ap.				
Incompatibility (materials to avoid):	Acids and Bleac products				
Hazardous Decomposition or By-products:	N. Av.				
Hazardous Polymerization:	May occur: Will not occur: X				
Conditions to Avoid:	N. Ap.				
SECTION XI - TOXICOLOGICAL INFORMATION					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	N. Ap.	N. Ap.	N. Ap.	4090 mg/kg (rat, oral)	2.3 mg/L (rat, 2 hr.)
B	2mg/m3	2mg/m3	N. Ap.	800 mg/kg (rat oral)	N. Av.
C	N. Ap.	N. Ap.	N. Ap.	285 mg/kg (rat oral)	.39 mg/L (rat 4H)
D	2 mg/M3	2 mg/M3	N. Av.	140-340 mg/kg (rat, oral)	N. Av.
E	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status:		No			
Toxicologically Synergistic Products:		N. Av.			
SECTION XII - ECOLOGICAL INFORMATION					
Ecotoxicological Information:		N. Av.			
Chemical Fate Information:		N. Av.			
SECTION XIII - DISPOSAL CONSIDERATIONS					
Waste Disposal Method:					
Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.					
RCRA Hazard Class:		D002			
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification:		Corrosive solid, basic, inorganic, n.o.s. (sodium hydroxide) Class 8			
UN Number:		UN3262			
Packing Group:		PG II			
SECTION XV - PREPARATION DATA					
Prepared By:		Safety and Health Department			
Telephone Number:		705-946-6389			
Date:		January 21, 2015			
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations		Canada Regulations			
TSCA Status: All ingredients listed.		DSL Status: All ingredients listed			
CERCLA Reportable Quality: RQ 1,000 Lbs. For Sodium hydroxide					
SARA Title III					
Section 302 Extremely Hazardous Chemicals:					
Section 311/312 Hazard Category: None					
Section 313 Toxic Chemicals: None					
WHMIS Class E		Risk Phrase R21, R22, R41			
		Precautionary S2, S26, S62			
SECTION XVII - OTHER INFORMATION					
This product has been classified in accordance with the hazard criteria of the Control Products Regulations and the MSDS contains all the information required by the Control Products Regulations					
N. Ap. - Not Applicable; N.Av. - Not Available					
NFPA SYSTEM					
3 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard					
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