

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Identity (As Used on Label and List): Diamond Blue Thunder (HD315)	
Product Class: Water-based cleaner	
Emergency Telephone Number: 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	Potassium Hydroxide CAS #1310-58-3 1 - 5
B	Tetrasodium EDTA CAS #64-02-8 1 - 5
C	Dodecylbenzed sulfonic acid CAS #27176-87-0 1 - 5
D	2-butoxy ethanol CAS #111-76-2 1 - 5
E	Sodium Xylene Sulfonate CAS #1300-27-7 1 - 5
F	Water CAS #7732-18-5 60 - 100
SECTION III - HAZARDS IDENTIFICATION	
Emergency Overview	
Appearance and Odor: Blue liquid, mild odor.	
Primary Hazards: Corrosive	
Potential Health Hazards	
Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X	
Eye: May cause chemical burns on contact.	
Skin: May cause chemical burns on contact.	
Ingestion: May be harmful if swallowed.	
Inhalation: Overexposure to 2-butoxy ethanol may be damage.	
Signs and Symptoms of Exposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.	
Carcinogenicity: NTP? No IARC Monographs? No	
OSHA Regulated? No	
Target Organ (s): Eyes, skin. See health hazards, chronic.	
Medical Conditions Generally Aggravated by Exposure: N. Av.	
Health Hazards, Chronic: Overexposure to chemical D, Section II may cause damage to liver, kidneys, lymphoid system, skin blood, eyes, and respiratory system.	
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. Obtain medical attention. Skin Contact: Flush thoroughly with cool water. 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? CO₂? 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:	
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.	
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): Dust/mist respirator is recommended when spraying product.	
Ventilation: Local Exhaust: Not required Special: Not required	

Mechanical (General): Normal good ventilation sufficient. Other: Not required					
Protective Gloves: Natural rubber or synthetic.					
Eye Protection: Approved safety goggles or glasses. Footwear: Not required					
Other Protective Clothing or Equipment: Not required					
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.					
SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: Approximately 212°F pH: > 13					
Specific Gravity (H2O) = 1: 1.078 % Volatile: 60 - 100					
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): N. Av.					
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	C2 mg/M3	C2 mg/M3	N. Av.	205 mg/kg (rat, oral)	N. Av.
B	N. Av.	N. Av.	N. Av.	>2000 mg/kg (rat, oral)	N. Av.
C	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.
D	25 ppm	25 ppm	N. Av.	140-340 gm/kg (rat)	N. Av.
E	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.
F	N. Ap.	N. Ap.	N. Av.	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 sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.					
RCRA Hazard Class: D002, characteristic corrosive.					
SECTION XIV - TRANSPORT INFORMATION					
NOT TDG REGULATED					
SECTION XV - PREPARATION DATA					
Prepared By: Hawco Products Ltd./Diamond Products					
Telephone Number: 519-759-2443					
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: N. Av.					
SARA Title III					
Section 302 Extremely Hazardous Chemicals: None					
Section 311/312 Hazard Category: Immediate health hazard					
Section 313 Toxic Chemicals: 2-butoxy ethanol (glycol ether)					
WHMIS Class E		Risk Phrase R21, R22, R41			
		Precautions: 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

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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