



MATERIAL SAFETY DATA SHEET

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	WHMIS: Class D (D2B)	HCS CLASS:
	WHMIS (Classification)	HCS

Section 1. Chemical Product and Company Identification

Product Name/Trade Name	Diamond Trap N' Drain Maintainer HD 86	Code	6DPTD0
Synonym	Water-based drain maintainer	CAS #	Not Applicable.
Chemical Family	Bacterial Suspension	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. Hazardous Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC50/LD50
Bacterial Cultures	(Suspended in water)			
Bacterial Complex	68920-42-3	20-40	Not available	Not available
Surfactant	Mixture	1-10	None	Not available

Section 3. Hazards Identification

Potential Health Effects	Irritant.
Ingestion:	May be harmful if swallowed.
Eye Contact:	May cause irritation on contact. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.
Skin Contact:	May cause irritation on prolonged or repeated contact. Slight redness on hands and forearms, if person has history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.
Inhalation:	Can cause irritation. Persons with respiratory problems should avoid breathing any mist from this product.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU AND ACGIH.

Section 4. First Aid Measures

Eye Contact	Immediately flush with plenty of water for at least 15 minutes. Have examined by medical personnel.
Skin Contact	Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
Inhalation	Move person to fresh air.
Ingestion	Drink several glasses of water and call physician immediately. Induce vomiting ONLY if advised by physician or poison control center.

Section 5. Fire Fighting Measures



Flammability	No
Fire Fighting Media and Instruction	Not available
Special Remarks on Fire Hazards	Not available
Special Remarks on Explosion Hazards	None known

Section 6. Accidental Release Measures

Steps to be taken in case of spill or 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 Spill	Wear approved respirator for nuisance dust during clean up. Goggles or glasses, gloves (natural or synthetic).

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Section 7. Handling and Storage	
Precautions	Prevent skin and eye contact. Avoid inhalation of mists. Provide adequate good ventilation. Normal care in handling and storage. Keep out of reach of children. Keep from freezing.
Incompatibility	Strong acids or alkali compounds may inactivate product.
Storage	Keep out of reach of children. Keep from freezing.

Section 8. Exposure Controls/Personal Protection	
Engineering Controls	Good mechanical ventilation. Eyewash station in work area. Avoid creating mists.
Personal Protection	Eyes <u>Splash Goggles or Glasses</u>
	Body <u>None required, avoid contact with skin.</u>
	Respiratory <u>None is required for recommended use. Avoid creating aerosols in poorly ventilated areas.</u>
	Hands <u>Gloves (Natural rubber or synthetic)</u>
Protective Clothing (pictogram)	 

Section 9. Physical and Chemical Properties			
Physical State and Appearance	Liquid.	Odor	Characteristic
Molecular Weight	Not applicable		
pH	7.5-8.5	Color	Clear
Boiling/Condensation Point	212° F (100 ° C)		
Melting/Freezing Point	Not Available.		
Critical Temperature	Not Available.		
Instability Temperature	Not Available.		
Specific Gravity	1.01-1.05		
Vapor Pressure	Not Available.		
Vapor Density	Not Available.		
Volatility	Not Available.		
VOC	Not available.		
Evaporation Rate	Not Available.		
Dispersion Properties	Not available.		
Solubility	99% complete in water		
The Product is:	Stable		
Auto-ignition Temperature	Not applicable		
Flash Points	None		
Flammable Limits	Not applicable		
Fire Hazards in Presence of Various Substances	None known		
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	Strong acids or alkali compounds may inactivate product
Hazardous Decomposition Products	Not available

Section 11. Toxicological Information	
Routes of Entry	Eye Contact, Ingestion, Inhalation, Skin Contact.
Acute Effects on Humans	Eyes This material may cause eye irritation. Organisms used are nonpathogenic but can cause infection when in contact with an open wound. These organisms are susceptible to many commonly used antibiotics.
	Skin Slight redness on hands and forearms, if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged exposure.
	Inhalation Can cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.
	Ingestion May be harmful if swallowed.
Chronic Effects on Humans	See ACUTE EFFECTS ON HUMANS.

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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 material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the material and/or contaminates being cleaned as well local, state and federal sewer commission regulations.
Waste Stream	Not available

Section 14. Transport Information	
DOT (U.S.A.) (Pictograms)	
TDG Classification	Not applicable
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)	WHMIS Class: Class D (D2B) Material causing other toxic effects										
Regulatory Lists	No products were found.										
Other Regulations	Not applicable										
Other Classifications	<p>CERCLA Reportable Quality: None</p> <p>SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate health hazard, chronic Section 313 Toxic Chemicals: None</p> <p>Risk Phrases: R21, R36, R38 Precautions: S2, S24, S46</p>										
Hazardous Material Information System (U.S.A.)	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="background-color: #e6e6fa;">Health</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #f08080;">Flammability</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #add8e6;">Physical Hazard</td> <td style="text-align: center;">0</td> </tr> </table> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px; text-align: center;">0</td> <td style="width: 20px; height: 20px; text-align: center;">0</td> </tr> <tr> <td style="width: 20px; height: 20px; text-align: center;">1</td> <td style="width: 20px; height: 20px; text-align: center;">0</td> </tr> </table> </div>	Health	1	Flammability	0	Physical Hazard	0	0	0	1	0
Health	1										
Flammability	0										
Physical Hazard	0										
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1	0										
<p>The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE 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 Ltd.	Verified by A White Printed January 21, 2015
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.

