

SAFETY DATA SHEET

1. Identification:		
Product Identifier:	Dazide® 85 WSG	
Other Means of Identification:	PCPA registration number 28168	
Distributed by:	N.M. Bartlett Inc. 4509 Bartlett Rd, Beamsville, Ontario, L0R 1B1, Canada Tel: 905-563-8261	
Emergency Phone Number:	Chemtrec 1-800-424-9300 (24 hours) Canutec 613-996-6666 (24 hours)	
Recommended Use:	Plant growth regulator. Controls plant height and promotes flowering in chrysanthemums, azaleas, hydrangeas, bedding plants (petunias, marigolds, zinnias, asters, cosmos and salvia) and poinsettias	
Restrictions on Use:	Keep out of reach of children	
2. Hazard(s) Identification (This product is classified as non-hazardous as defined by Hazardous Products Regulations SOR/2015-17):		
Class/Category:	Not Classified	
Route of Exposure:	Most likely exposure routes are dermal and oral.	
Hazards Not Otherwise Classified:	None known	
Signal Word:	None	
Symbol(s):	None	
Hazard Statements:	None assigned	
Precautionary Statements:	Prevention: None assigned Response: None assigned Storage: None assigned Disposal: None assigned	
3. Composition:		
CAS number:	Component:	Percent:
This product contains no components classified as hazardous under SOR/2015-17		
4. First Aid Measures:		
Inhalation:	Inhalation potential is very low, product is a granule and classed as nearly dust free (0.05%)	
Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.	
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.	
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.	
Symptoms/Effects:	Acute: No available information Delayed: No available information	
Indication of immediate medical attention and special treatment needed, if necessary:	If symptoms persist, c	
5. Fire Fighting Measures:		
Extinguishing Media:	Suitable: Water mist, CO ₂ , foam or dry powder. Unsuitable: High power water jet	
Specific Hazards Arising from the Chemical:	Avoid inhalation of combustion products. At very high temperatures daminozide will decompose to form carbon and nitrogen compounds.	
Protective Equipment and Precautions for Firefighters:	Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves	
6. Accidental Release Measures:		

Personal Precautions, Protective Equipment and Emergency Procedures:	See Section 8 "Exposure controls/personal protection"
Methods for Containment and Clean-Up:	Isolate spilled material for safe disposal and collect in sealable polylined containers, clean contaminated area with water. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. See also Section 13. Disposal Considerations.

7. Handling and Storage:

Precautions for Safe Handling:	Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Conditions for Safe Storage:	Do not contaminate water, food or feed by storage or disposal. Store in original container only. After partial use, close the container tightly. Store in a secure place that is temperate and dry. High humidity and moisture will cause product to harden. Use spray and stock solutions within 24 hours. Immediate use is required if another component is added to the spray solution. See also Section 10. Stability and Reactivity.

8. Exposure Controls/Personal Protection:

Component Exposure Limits:							
Substance	Canada Ontario		Canada Quebec		Canada Saskatchewan		ACGIH TLV
	ppm STEL	ppm TWA	ppm STEV	Mg/m3 TWAEV	ppm STEL	ppm TWA	
No components listed	-	-	-	-	-	-	8-hr TWA (ST) STEL (C) Ceiling
Appropriate Engineering Controls:	No applicable information available.						
Personal Protective Equipment:	Eyes/Face: No applicable information available. Skin: Long-sleeved shirt and long pants. Chemical resistant gloves made of any waterproof material. Shoes plus socks. Chemical-resistant gloves Respiratory: No applicable information available.						

9. Physical and Chemical Properties:

Appearance:	White free flowing granule
Odor:	Slightly musty
Odor Threshold:	No data available
pH:	4.0 (1% solution)
Melting Point/Freezing Point:	No data available
Boiling Point:	No data available
Flash Point:	Does not flash (closed cup)
Evaporation Rate:	Not applicable
Flammability/Limits:	Not flammable LFL: not applicable UFL: not applicable
Vapor Pressure:	<1.27 x 10 ⁻⁵ Pa 72°F (22°C)
Vapor Density:	Not applicable
Relative Density:	Tap density 0.46 g/cm ³
Solubility (H₂O):	Soluble at 68°F
Partition Coefficient:	-1.50 log P _{OW} (active ingredient pH 7)
Auto-Ignition Temperature:	>752°F (400°C)
Decomposition Temperature:	No data available
Viscosity:	Not applicable

10. Chemical Stability and Reactivity Information:

Reactivity:	No applicable information available
Chemical Stability:	Stable in original containers for at least 2 years at ambient temperatures (40-70°F).
Possibility of Hazardous Reactions:	No applicable information available
Conditions to Avoid:	Excessive heat
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	None under normal conditions of storage and use.

11. Toxicological Information:

Likely Routes of Exposure:	Dermal and Oral
Symptoms:	Inhalation: Inhalation potential is very low, product is a granule and classed as nearly dust free (0.05%) Eye: Non-irritant Skin: Non-irritant Ingestion: No data available
Acute Toxicity:	Oral: LD ₅₀ Rat >5,000 mg/kg (EPA category IV) Inhalation: No data available Dermal: LD ₅₀ Rat >5,000 mg/kg (EPA category IV)
Skin Corrosion/Irritation:	Non-irritant (rabbit) (EPA category IV)
Serious Eye Damage/Eye Irritation:	Non-irritant (rabbit) (EPA category IV)
Sensitization:	Non-sensitizing (guinea pig)
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	None of the components of this product are listed as carcinogens by NTP, IARC or OSHA.
Reproductive/Developmental Toxicity:	No data available.
Specific Target Organ Toxicity:	Single Exposure: No data available Repeated Exposure: No data available

12. Ecological Information:

Ecotoxicity:			
	Species:	Exposure Time	LC50/EC50/IC50
	Fish	96 hr	LC50 >149 mg/l
	Daphnia	48 hr	EC50 >100 mg/L
	Algae	72 hr	LOEC >100 mg/L
	Bird (Bobwhite quail)	8 day dietary	LC50 >10,000 mg/kg
	Bee - not toxic to bees		
	Beneficial sp. - No or mild effects on insect predators, parasitoids and predatory mites		
Persistence and Degradability:	Dissipates quickly in soil with most residues becoming bound and degrades rapidly under normal conditions in contact with soil (90% in 7 days). Neither hydrolysis nor photolysis are significant pathways for the degradation of daminozide. No evidence of accumulation.		
Bioaccumulation Potential:	No data available.		
Mobility in Soil:	No data available.		
Other Adverse Effects:	None known		

13. Disposal Considerations:

Disposal Instructions:	Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instruction for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the
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	provincial regulatory agency in case of a spill, and for clean-up of spills.
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14. Transport Information:

UN/TDG Proper Shipping Name:	Not applicable
Hazard Class:	Not applicable
UN/TDG Number:	Plant growth inhibitor, modifier or regulator
Packing group:	Not applicable
Marine Pollutant:	No
NMFC Number:	101685/65 Plant growth inhibitor, modifier or regulator, NOIBN

15. Regulatory Information:

DSL/NDSL:	7487-88-9 and 37199-81-8 DSL listed, 120313-48-6 NDSL listed
TSCA:	All components of this product are either listed or are exempt on the TSCA inventory. The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA: None

This chemical is a pesticide product registered by the Pest Management Regulatory Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

PMRA signal word:	CAUTION
Precautionary Statements:	<p>KEEP OUT OF REACH OF CHILDREN. For use only in commercial or research greenhouses or shade houses. Avoid contact with skin, eyes and clothing. Avoid inhaling/breathing sprays. May irritate eyes. Avoid contact with eyes.</p> <p>Wear chemical resistant coveralls over a long-sleeved shirt and long pants, chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean up or repair activities. In addition, wear a chemical resistant apron for mixing, loading and cleaning equipment. Wear chemical resistant headgear, a face shield and a dust/mist-filtering respirator (MSHA/NIOSH approved number prefix TC-21C) in addition to the personal protective equipment indicated above for overhead application.</p> <p>Users should remove clothing immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash thoroughly and put on clean clothing.</p> <p>Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</p> <p>Do not enter or allow worker entry into treated areas within 24 hours of application. Do not contaminate feed or food.</p>

Pictograms/Symbols:	None
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16. Other Information:

	None
Issue Date/Version:	5/19/17 version 8
Supersedes:	3/5/16 version 7