



SAFETY DATA SHEET

1. Product and Company Identification

Product Name Dazzle™ Amaze
CAS # 70693-62-8
Product use Non-chlorine oxidizer for pools

Supplier Dazzle c/o Backyard Brands Inc.
BACKYARD BRANDS • 132 Denison Street,
MARKHAM, ONTARIO L3R 1B6, CANADA • 1-866-875-0012

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical): (877) 800 - 5553

CANUTEC (Canadian Transportation): (613) 996 - 6666

CHEMTREC (US Transportation): (800) 424 - 9300

HMIS RATING

HEALTH:		3
		0
		1
PERSONAL PROTECTION:		B

NFPA RATING:

HEALTH	3
FIRE	0
REACTIVITY	1

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

2. Hazards Identification

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White, granular material

IMMEDIATE CONCERNS: DANGER. CORROSIVE. Causes eye and skin burns. Harmful if swallowed. May cause allergic skin reactions in sensitive individuals. Avoid contact with eyes, skin and clothing. Wear safety glasses and rubber gloves when handling this product. Irritating to nose, throat and lungs. May damage mucous membranes and respiratory tract. Avoid breathing dust. If product gets on clothing, remove and wash contaminated clothing before re-use.

POTENTIAL HEALTH EFFECTS

ROUTES OF EXPOSURE: Skin Contact, Inhalation, Ingestion, Eye Contact.

EYES: Causes eye burns. Severe damage may result. Do not get in eyes.

SKIN: Causes skin burns. Do not get on skin.

INGESTION: May cause gastritis progressing to necrosis or hemorrhage and possibly death.

INHALATION: May cause irritation or chemical burns to nose, throat and respiratory tract. Avoid breathing dust or vapours.

CHRONIC: There are no known chronic hazards.

SENSITIZATION: Skin contact with this product may cause allergic skin reactions in sensitive individuals.

COMMENTS: Individuals with pre-existing diseases of the skin or gastrointestinal tract may have increased susceptibility to the toxicity of excessive exposures.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Potassium peroxymonosulfate compound	70693-62-8	80-100
Sodium carbonate	497-19-8	0-20

4. First Aid Measures

EYES: If in eyes: Hold eye(s) 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. Call poison control center or doctor for treatment advice.

SKIN: If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.

INGESTION: If swallowed: Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: If inhaled: Move person to fresh air. If person has stopped breathing, give artificial respiration, preferably mouth to mouth. Call poison control center or doctor for treatment advice.

5. Fire Fighting Measures

FLASHPOINT AND METHOD: Non-flammable.

GENERAL HAZARD: Oxidizer. May ignite combustibles. Contact with organic material in the presence of heat may cause fire. Grinding or intensive mixing may cause decomposition with liberation of heat and oxygen; ignition of oxidizable material if present may occur.

EXTINGUISHING MEDIA: Water fog or spray. Do not use dry chemical or foams.

HAZARDOUS COMBUSTION PRODUCTS: Will release oxygen when heated, intensifying a fire. Acidic mist may be present.

EXPLOSION HAZARDS: This product does not pose an immediate explosion hazard.

FIRE FIGHTING PROCEDURES: Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition and burning may produce oxygen, carbon monoxide, carbon dioxide, sulfur oxides and other potentially toxic substances.

6. Accidental Release Measures

GENERAL PROCEDURES: In case of spill, scoop up and place product in pool water, then flood spill area with large volumes of water.

7. Handling and Storage

GENERAL PROCEDURES: Avoid contact with eyes, skin or clothing. Avoid breathing dust.

HANDLING: STRONG OXIDIZING AGENT: Do not mix with any other chemicals except water. Fire or explosion may result. Always add this product to water, never the reverse. Do not place this product in skimmer basket, pump basket, brominator or chlorinator. Always apply directly into pool. Do not inhale. Do not get in eyes, on skin or clothing.

STORAGE: Keep this product out of reach of children. Keep this product in original closed container when not in use. Store in a cool, dry, well-ventilated area away from direct sunlight, heat and incompatible materials.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	EXPOSURE LIMITS					
	OSHA PEL		ACGIH TLV		SUPPLIER OEL	
	ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
Potassium peroxymonosulfate	TWA	^[1]			^[2]	
Sodium carbonate	TWA	N/E ^[3]		N/E ^[4]		^[5]

OSHA TABLE COMMENTS:

1. 15 mg/m³, 8 hr, TWA, total dust
2. 1 mg/m³, total dust, 8 & 12 hr. TWA
3. N/E = None Established
4. N/E = Not Established
5. 5 mg/m³, 8 hr. TWA

ENGINEERING CONTROLS: General room ventilation plus local exhaust should be used to maintain exposure below TLV.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear goggles or safety glasses with side shields when handling this product. Where the possibility for face contact due to splashing or spraying of material exists, wear a face shield.

SKIN: Wear rubber gloves when handling this product. Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, boots or whole bodysuit. Avoid contact with skin.

RESPIRATORY: Avoid inhaling vapours or dust. In case of insufficient ventilation, wear an approved NIOSH respirator.

WORK HYGIENIC PRACTICES: Remove and wash contaminated clothing before reuse.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. Physical & Chemical Properties

PHYSICAL STATE: Solid

ODOUR: Odourless

APPEARANCE: Granules

COLOUR: White

pH: 2.3 (1% solution)

VAPOUR PRESSURE: Not Established

VAPOUR DENSITY: Not Volatile

BOILING POINT: @760 mm Hg decomposes

FREEZING POINT: Not Applicable

MELTING POINT: Decomposes

SOLUBILITY IN WATER: 25.6 g/100 g of water at 20 C (68 F)

SPECIFIC GRAVITY: 1.1 to 1.4

COEFF. OIL/WATER: <3

10. Chemical Stability & Reactivity Information

CONDITIONS TO AVOID: High temperature. Poor ventilation. Contamination. Moisture/high humidity.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes when heated or dampened, releasing oxygen and heat of decomposition. Thermal decomposition and burning may produce oxygen, carbon monoxide, carbon dioxide, sulfur oxides and other potentially toxic substances.

INCOMPATIBLE MATERIALS: Do not mix with other swimming pool/hot tub chemicals in their concentrated forms. Mixing with compounds containing halides or active halogens can cause release of the respective halogen if moisture is present. Mixing with calcium hypochlorite or with sodium bromide can cause release of chlorine or bromine gas. Mixing with cyanides can cause release of hydrogen cyanide gas. Mixing with heavy metal salts such as those of cobalt, nickel, copper, or manganese can cause decomposition with release of oxygen and heat.

11. Toxicological Information

ACUTE

EYES: No data available for this product.

DERMAL: >11000 mg/kg in rabbits

ORAL LD₅₀: 2000 mg/kg of body weight in rats

INHALATION LC₅₀: >5 mg/l (rats) (four hour exposure)

Toxicological information given is for the main constituent.

This product is expected to be corrosive to eyes and skin.

EYE EFFECTS: This product is corrosive to eyes.

SKIN EFFECTS: This product is corrosive to skin.

SENSITIZATION: This product is a potential skin sensitizer.

CHRONIC / SUBCHRONIC: No known chronic effects.

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

This product is not listed as a carcinogen by ACGIH.

MUTAGENICITY: This product is not expected to be mutagenic, based on main constituents.

SYNERGISTIC MATERIALS: None known.

REPRODUCTIVE EFFECTS: Product is not expected to be a reproductive hazard, based on main constituents.

TERATOGENIC EFFECTS: This product is not expected to be a teratogen based on main constituents.

GENERAL COMMENTS: Single inhalation exposures to main constituent produced nonspecific effects such as weight loss and irritation. Repeated inhalation exposures produced eye irritation and reversible corneal damage. By ingestion, the administration of large single doses of the main constituent produced nonspecific effects such as weight loss and irritation as well as gastric ulceration, necrosis, and hemorrhage. The main constituent does not produce genetic damage in bacterial cell cultures.

12. Ecological Information

ECOTOXICOLOGICAL INFORMATION: This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. Disposal Considerations

DISPOSAL METHOD: Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

PRODUCT DISPOSAL: Dispose of unused, uncontaminated product in accordance with all municipal, provincial or federal regulations.

EMPTY CONTAINER: Do not reuse container. Rinse thoroughly before discarding in trash.

14. Transport Information

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(Monopersulfate Compound)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 3260

PACKING GROUP: II

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(Monopersulfate Compound)

PRIMARY HAZARD CLASS/DIVISION: 8 (Corrosive)

UN/NA NUMBER: 3260

PACKING GROUP: II

15. Regulatory Information

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES **CHRONIC:** NO

313 REPORTABLE INGREDIENTS: This product or its components are not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product or its components are not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product or its components are listed on the TSCA Inventory.

OSHA HAZARD COMM. RULE: Product is hazardous by definition of the Hazardous Communication Standard.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a registered pesticide.

CANADA

WHMIS CLASS: C –Oxidizer, D–Division 2 Subdivision B Toxic material. E–Corrosive

DOMESTIC SUBSTANCE LIST (INVENTORY): Product ingredients are listed on DSL.

COMMENTS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this MSDS contains all the information required by the Controlled Products Regulations.

16. Other Information

COMMENTS: The contents and format of this MSDS are in accordance with OSHA Hazard Communication Standard, National Fire Protection Association (NFPA), Hazardous Materials Identification System (HMIS), and Canada's Workplace Hazardous Information System (WHMIS) and Environmental Protection Agency (CEPA).

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date	January 1, 2016
Effective date	January 1, 2016
Expiry date	January 1, 2019
Date revised:	N/A
Revision #:	N/A
Prepared by	Backyard Brands, 1-866-875-0012