

DS 700035

Ven 13350

MATERIAL SAFETY DATA SHEET**Section 1. Identity of Material**

PRODUCT NAME OR NUMBER		MIROX PL BB-200 Blue Buster Powder	
SYNONYMS		Aluminum Oxide Complex Al_2O_3	
FORMULA		CAS NUMBER	CHEMICAL FAMILY
Proprietary		1344-28-1	Aluminum Oxide
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME * Continuation sheet.		
	SHIPPING ID NUMBER	UN	EPA HAZARDOUS WASTE ID NUMBER
		NA	NA
HAZARDOUS INGREDIENTS		%	CAS NUMBER
Aluminum Oxide (Alpha Alumina)		80	1344-28-1
Respirable nuisance dust inhalation hazard			
Note: Minor amounts of proprietary water soluble additives are non-hazardous and their use is approved by FDA for use in food processing.			

Section 2. Hazard Specifications

KNOWN HAZARDS UNDER 25 CFR 1910.1200					TLV*	SAF*	10	mg/m ³
COMBUSTIBLE LIQUID		X	IRAN HAZARD	X	PEL*	SAF*	10	mg/m ³
FLAMMABLE MATERIAL		X	IR2 HAZARD	X	NPKA HAZARD SIGNAL			
PYROPHORIC MATERIAL		X	IR3 HAZARD	X	HEALTH	1	FLAMMABILITY	0
EXPLOSIVE MATERIAL		X	HIGHLY TOXIC AGENT	X	STABILITY	0	SPECIAL	0
UNSTABLE MATERIAL		X	IR4 HAZARD	X	DOT HAZARD CLASS			
WATER REACTIVE MATERIAL		X	CARCINOGEN	X	non-hazardous			
OXIDIZER		X	REPRODUCTIVE TOXIN	X	EPA HAZARD WASTE CLASS			
ORGANIC PEROXIDE		X	BLOOD TOXIN	X	non-hazardous			
COMBUSTIVE MATERIAL		X	NEUROUS SYSTEM TOXIN	X				
COMPRESSED GAS		X	LIVER TOXIN	X				
IRITANT	X		LUNG TOXIN	X				
			KIDNEY TOXIN	X				

Section 3. Safe Usage Data

PROTECTIVE EQUIPMENT TYPES	EYES	Chemical goggles to avoid physical irritation
	RESPIRATORY	Use NIOSH-approved air-purifying dust respirator
	GLOVES	If continuous contact is anticipated gloves may be used to avoid
	SKIN	physical irritation
VENTILATION	GENERAL MECHANICAL	To control dust below the PEL and TLV
	LOCAL EXHAUST	

Section 4. Emergency Response Data

FIRE	EXTINGUISHING MEDIA	Non-Flammable material
	SPECIAL PROCEDURES	Non-Flammable material
	UNUSUAL HAZARDS	Not applicable will not produce dust explosion.
EXPOSURE	FIRST AID MEASURES	NA
SPILLS	STEPS TO BE TAKEN	Sweep, scoop or vacuum. Dispose of only in accordance with local, State or Federal regulations.
NO.	WASTE DISPOSAL METHOD	Product is not a RCRA hazardous waste.

Section 5. Physical Hazard Data

FLAMMABILITY	LFL		%		FLASH POINT	NA		°F	NA		°C	
	UFL		NA			METHOD USED						
STABILITY	STABLE	X	CONDITIONS TO AVOID Stable and non-volatile material.									
	UNSTABLE		HAZARDOUS DECOMP PTS Not applicable.									
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID									
	WILL NOT OCCUR		X	NA								
INCOMPATIBILITY	MATERIALS TO AVOID NA											

Section 6. Health Hazard Data

EFFECTS OF EXPOSURE	Eye: May cause physical irritation if exposed to large amounts of dust. Skin: May cause physical irritation or drying of skin.
ENTRY ROUTE:	Inhale ☒ Ingest ☐ Skin ☒ Eye ☒
EMERGENCY TREATMENT	Inhalation: May cause physical irritation in upper respiratory tract. This material is classed a respirable nuisance dust. Ingestion: No hazard under normal circumstances

Section 7. Physical and Chemical Properties

BOILING PT. - NA	°C	VAPOR DENSITY (AIR = 1) NA	VOLATILE COMPONENTS NA
VAPOR PRESS. - NA	mm Hg	mm Hg 7.4	
SOLUBILITY IN H ₂ O Al ₂ O ₃ is insoluble		WILL DISSOLVE IN NA	EVAPORATION RATE (1) NA
APPEARANCE White powder			IS MATERIAL PASTE POWDER GEL
ODOR Odorless			

Section 8. Manufacturer or Supplier Data

FIRM'S NAME & MAILING ADDRESS Bernatex Corp. P.O. Box 905 N. Chelmsford, MA 01863	NAME (PRINT)	A. J. D. U. - I...
	SIGNATURE	<i>[Signature]</i>
	TITLE	President
	DATE	2-25-93
	EMERGENCY TELEPHONE NO.	(508) 256-9396

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration**MATERIAL SAFETY DATA SHEET**May be used to comply with OSHA'S Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted for specific requirements.**SECTION I MANUFACTURER'S INFORMATION**

Manufacturer's Name & Address:

WaterWorks America Inc.
3941 Brockville Rd.
Richfield, Ohio 44286

24 hour Emergency Telephone Number:

(216) 842-6925

Information Telephone Number:

(216) 659-3233

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: Plastics, Preservatives, Solvents X

None

Alloys and Metallic coatings X

None

Hazardous mixtures of other liquids, solids, or gases X

None

Others X

Free Acrylamide > 0.01%

Chemical Name and synonyms

2-Propenoic acid acrylamide acrylate

Chemical Family

Anionic polymer

Trade Name

WaterWorks

CAS #

25608 12-2

NFPA/HMIS: Health - 0, Fire - 0, Reactivity - 0,

D.O.T. CLASS: Not Regulated

EPA Registration: Not Required

Specific Hazards - NONE

U.S. Customs Universal Code Name

International Customs Harmonized schedule "b" *

Acrylic Amide Co-Polymer

* 2924.10

SECTION III PHYSICAL DATA/CHEMICAL CHARACTERISTICS

Boiling Point

N.A.

Specific Gravity

0.8

Vapor Pressure

N.A.

% Volatile

N.A.

Vapor Density

N.A.

Evaporation Rate

N.A.

Solubility in Water

Insoluble

pH

7.0

Appearance and odor

White crystals - Slight Ammonia

PRODUCT NAME: WaterWorks

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration**MATERIAL SAFETY DATA SHEET**May be used to comply with OSHA'S Hazard Communication Standard,
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Flash Point (method used)	None
Flammable Limits	Not applicable LEL ----- UEL -----
Extinguishing Media	Any available - Water, CO ₂ , Dry Chemical, Foam (although not flammable)
Special fire fighting procedures	None
Unusual fire and explosion hazards	Not applicable

SECTION V REACTIVITY DATA

Stability	Stable
Conditions to Avoid	None Known
Incompatibility (Materials to avoid)	Strong oxidizers
Hazardous decomposition or by-products-Thermal decomposition	CO, CO ₂ , hydrocarbons
Hazardous Polymerization	Will not occur

SECTION VI HEALTH HAZARD DATA

Threshold Limit Value	LD 50- Less than 2000 mg/KG.
Health Hazards (Acute and Chronic)	Internal consumption of approx. 1 qt. may produce nausea
Emergency and First Aid Procedures	If large quantity ingested induce vomiting
Carcinogenicity	None established
OSHA Regulated	Not regulated
Signs and symptoms of exposure	None under normal use
Medical conditions generally aggravated by exposure	None under normal use

PRODUCT NAME: WaterWorks

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration**MATERIAL SAFETY DATA SHEET**May be used to comply with OSHA'S Hazard Communication Standard,
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Steps to be taken in case material is released or spilled Vacuum or sweep up with broom
Avoid adding water, the product
will become slippery when wet

Waste disposal method Follow normal waste disposal methods
Follow federal, state, and local regulations for solid waste disposal

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection	In very dusty atmosphere wear simple gauze air filter
Ventilation - Local Exhaust	As appropriate
Mechanical (general)	As appropriate
Special	None
Protective Gloves	None under normal use May be used under prolonged use
Eye Protection	None
Protective clothing/equipment	None

SECTION IX SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage Store in shipping container or any
moderately air tight container.

Avoid extremely high humidity

Work/Hygienic Practices	Use good housekeeping and personal grooming practices
Other Precautions	None known

BLUE CORAL, INC.
5300 HARVARD AVENUE
CLEVELAND, OH 44105

MATERIAL SAFETY DATA SHEET

IDENTITY (As Used on Label and List)	STOCK NUMBER
Bike Brine Quick Shine	20017

SECTION I

SECTION 1	
MANUFACTURER'S NAME Blue Coral, Inc.	EMERGENCY TELEPHONE NUMBER (216) 641-5490
ADDRESS (Street, City, State, ZIP) 5300 Harvard Avenue	TELEPHONE NUMBER FOR INFORMATION (216) 641-5490
Cleveland, Ohio 44105	DATE PREPARED 11/1/84
	SIGNATURE OF PREPARER

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	STEL	% (optional)
Isopropyl Alcohol	67-63-0				<10%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	208°F	SPECIFIC GRAVITY (H ₂ O = 1)	1.0
VAPOR PRESSURE (mm Hg.)	N/A	MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (vs H ₂ O)	>1
SOLUBILITY IN WATER	Complete	pH	8.5
APPEARANCE AND ODOR	Clear, Alcohol Odor		

SECTION IV · FIRE AND EXPLOSION HAZARD DATA

SECTION IV - FIRE AND EXPLOSION HAZARDS		FLAMMABLE LIMITS	LEL	UEL
FLASH POINT (Method Used)	129°F TCC	N/A	N/A	N/A
EXTINGUISHING MEDIA	N/A			
SPECIAL FIRE FIGHTING PROCEDURES	N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS	N/A			

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE	STABLE X	CONDITIONS TO AVOID None Known to Blue Coral, Inc.
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INCOMPATIBILITY (Materials to Avoid)

Alkanolamines, Aldehydes, Ammonia, strong oxidizing agents, chlorinated compounds.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR X	CONDITIONS TO AVOID None Known to Blue Coral, Inc.
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SECTION VI - HEALTH HAZARD DATA

HEALTH HAZARDS (Acute and Chronic)

None known to Blue Coral, Inc.

SIGNS AND SYMPTOMS OF EXPOSURE

N/A

MEDICAL CONDITIONS

GENERALLY AGGRAVATED BY EXPOSURE

N/A

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Do not induce vomiting; call Physician or Poison Control Center immediately.

EYE: Immediately remove any contact lenses and flush eyes with water for 15 minutes and contact Physician.

SKIN CONTACT: Wash with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb with sand or earth.

WASTE DISPOSAL METHOD

Dispose as per State, Federal, and local rules.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near food or drink.

OTHER PRECAUTIONS

None

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)

None required with normal use.

VENTILATION	LOCAL EXHAUST	MECHANICAL (General)	SPECIAL	OTHER
	N/A	N/A	N/A	N/A

PROTECTIVE GLOVES	EYE PROTECTION	OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Recommended	Safety Glasses	None

WORK/HYGIENIC PRACTICES

Do not store near food or drink. Wash exposed skin for hygienic purposes.

SECTION IX - ADDITIONAL INFORMATION

HMS (1)	NFPA (2)	DOT PROPER SHIPPING NAME
	1	HEALTH
	2	FIRE
	0	REACTIVITY
	0	SPECIAL
		DOT HAZARD CLASS
		DOT ID NO.
		IATA PROPER SHIPPING NAME
		IATA HAZARD CLASS

HAZARD RATING KEY

IMO NO.

0 = INSIGNIFICANT; 1 - SLIGHT; 2 = MODERATE; 3 - HIGH; 4 = EXTREME

(1) HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (NATIONAL PAINT AND COATINGS ASSOCIATION) RATING APPLIES TO PRODUCT "AS PACKAGED" (I.E. AMBIENT TEMP.)

(2) NATIONAL FIRE PROTECTION ASSOCIATION RATING IDENTIFIES THE SEVERITY OF HAZARDS OF MATERIAL DURING A FIRE EMERGENCY (I.E. "ON FIRE")