

# Safety Data Sheet

Revision date: 11/4/16

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Product Code: MDR-200</u>	
<u>Product Name: ABC Corrosion Buster</u>	
<b>Manufacturer's Name:</b> MARINE DEVELOPMENT & RESEARCH	<b>Emergency Telephone Number:</b> 352-323-2500
<b>Address (Number, Street, City, State, ZIP)</b> 515 EAST 41 <sup>ST</sup> ST	<b>Telephone Number for Information:</b> 973-754-7000
PATERSON, NJ 07504	<b>Date Prepared:</b> 11/4/16
	<b>Signature of Preparer (optional):</b>

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GHS-US Classification  
 Skin Corr. 1B H314  
 Eye Dem. 1 H318

### 2.2 Label elements

GHS-US Labeling  
 Hazard pictograms (GHS-US)



GHS05

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H314- Causes severe skin burns and eye damage  
 :H318- Causes serious eye damage

Precautionary statements (GHS-US) : P260- Do not breathe mist, vapors, spray  
 :P264- Wash exposed skin thoroughly after handling  
 :P280- Wear protective gloves, protective clothing, eye protection, face protection  
 :P301+P330+P331- IF SWALLOWED: rinse mouth. DO NOT induce vomiting  
 P303+P361+P353-IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 :P304+P340- IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing

## SECTION 2: HAZARDS IDENTIFICATION (continued)

:P305+P351+P338- IF IN EYES: Rinse contact lenses, if present, and easy to do. Continue rinsing.

:P310- Immediately call a POISON CENTER or doctor/physician

:P363- Wash contaminated clothing before re-use

:P405- Store locked up

:P501- Dispose of contents/container to comply with local, state and federal regulations

**2.3 Other Hazards**

Other Hazards not contributing to the classification: None

- SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	% w/w	ACGIH TLV	OSHA PEL
Phosphoric Acid	7664-38-2	45-50%	1mg/m <sup>3</sup> 8hr	1mg/m <sup>3</sup> 8hr
			TWA	TWA
Citric Acid	5949-29-1	1-5%	NA	NA

## SECTION 4: FIRST-AID MEASURES

**General Advice:** Remove contaminated clothing.

**If Inhaled:** If difficulties occur after vapor/ aerosol has been inhaled, remove to fresh air and seek medical attention.

**If on Skin:** Wash thoroughly with soap and water. If irritation develops, seek medical attention.

**If in Eyes:** Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

**If Swallowed:** Rinse mouth and then drink plenty of water. DO NOT induce vomiting. Immediate medical attention required.

# Safety Data Sheet

---

## SECTION 5: FIRE FIGHTING MEASURES

---

**Flammable Properties:**

Flash Point: NTB

Method Used: TCC

**Flammable Limits:**

LFL: N/A

UFL: N/A

**Extinguishing Media:** Water fog, foam, Carbon dioxide, dry chemical**Fire & Explosion Hazards:** Containers can rupture and explode under fire conditions due to pressure and vapor buildup.**Fire Fighting Instructions:** Self contained breathing apparatus. Use water to cool fire exposed containers.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

---

**Personal Precautions:** Use personal protective clothing. Keep people away and stay on the upwind side.**Environmental Precautions:** Do not discharge into drains/ surface waters/ groundwater.**Absorb on fire retardant material. Dispose of in accordance to Local, State and Federal regulations.**

## SECTION 7: HANDLING AND STORAGE

---

**Handling:**

- **General Advice:** Keep in a cool dry place.
- **Protection Against Fire and Explosion:** Take precautionary measures against overheating of drums

**Storage:**

- **General Advice:** Keep container tightly closed and dry; store in a cool place.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

---

**Personal Protective Equipment:**

- **Respiratory Protection:** Wear a NIOSH-certified (or equivalent) organic vapor / particulate respirator.
- **Hand Protection:** Chemical resistant protective gloves
- **Eye Protection:** Safety glasses with side-shields
- **General Safety and Hygiene Measures:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

**Engineering Controls:** Keep containers closed when not. Do not store near food.

# Safety Data Sheet

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

<b>Appearance:</b> Clear to Light Yellow	<b>Physical State:</b> Gel
<b>Boiling Point:</b> 225F	<b>Solubility in Water:</b> Complete
<b>Evaporation Rate:</b> NA	<b>Density:</b> 9.7LB/Gal
<b>Freezing Point:</b> ~30°F	<b>Specific Gravity:</b> 1.16
<b>Melting Point:</b> ~30°F	<b>Vapor Density:</b> NA
<b>Molecular Weight:</b> Mixture	<b>Vapor Pressure:</b> 17mm of Hg
<b>Odor:</b> Bland	<b>Viscosity:</b> NA
<b>pH:</b> 1.0	<b>% Volatile:</b> 41%
	<b>Partition Coefficient:</b> NA

## SECTION 10: STABILITY AND REACTIVITY

---

**Chemical Stability:** Stable at normal conditions

**Incompatibility:** Alkali cleaners and chlorine comp.

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

---

**Eye:** Will produce redness, burning and stinging. Prolonged and/or repeated contact may cause chemical conjunctivitis which may cause blindness

**Skin:** Will cause nausea, vomiting, diarrhea and irritation and /or burns to the digestive tract.

**Ingestion:** Will cause nausea, vomiting, diarrhea and irritation and/or burns to the digestive tract

**Inhalation:** Will cause irritation and/or burns to the bronchial membranes and/or pulmonary edema

**Sub chronic:** Unknown

**Chronic / Carcinogenicity:** Not listed as a known carcinogen

**Teratology:** Does not contain any harmful reproductive agents

**Reproduction:** Does not contain any harmful reproductive agents

**Mutagenicity:** Does not contain any known mutagens

## SECTION 12: ECOLOGICAL INFORMATION

---

**Ecotoxicological Information:** Environmental fate and effects are not established.

# Safety Data Sheet

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal of Substance:** Dispose of in accordance with national, state, and local regulations. Do not discharge into drains / surface waters / groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

**Container Disposal:** Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

## SECTION 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

**D.O.T. Shipping Name:** Specialty Cleaning Preparation

**Technical Shipping Name:** NA

**D.O.T. Hazard Class:** NA

**U.N. / N.A. Number:** NA

**Product RQ (lbs):** NA

**D.O.T. Label:** Limited Quantity

**D.O.T. Placard:** NA

## SECTION 15: REGULATORY INFORMATION (Not meant to be all inclusive- selected regulation represented)

**TSCA Status:** All ingredients are in the TSCA Inventory

**CERCLA Reportable Quantity:** None

**SARA Title III:**

**Section 302 Extremely Hazardous Substances:** None

**Section 311/312 Hazardous Categories:** None

**Section 313 Toxic Chemicals:** None

**RCRA Status:** None per 40 CFR P2610

**SCAQMD Information:** NA

**California Proposition 65:** None of the products composing this mixture is listed under Proposition 65

## SECTION 16: OTHER INFORMATION

### New Jersey Right to Know Information

#### Hazard Rating System:

	HMIS III Rating	NFPA Hazard Codes
Health	3	3
Flammability	0	0
Reactivity	N/A	0
Physical Hazard	0	N/A

*THIS SDS HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED TECHNICALLY RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. ACTUAL CONDITIONS OF USE AND HANDLING ARE BEYOND SELLER'S CONTROL. USER IS RESPONSIBLE TO EVALUATE ALL AVAILABLE INFORMATION WHEN USING PRODUCT FOR ANY PARTICULAR USE AND TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.*