

# MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard

29 CFR 1910.1200

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## Product: Arcus GEP Acid Neutralizer

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**Hazard Rating:** Health Flammability Reactivity Special/PPE\*

NFPA:

HMIS: 2 0 0 B

Key 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = insignificant

COR = Corrosive AC = Acid ALK = Alkaline OX = Oxidizer

\*PPE = HMIS Personal Equip.Code

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### Section II – Hazardous Ingredients/Identify Information

CAS	Chemical Ingredients	%	ACCIH/TLV	OSHa/PE	Hazard _
	Sodium carbonate	<70.00%			

0 = Nonregulated 1 = OSHA 2 = State RTK 3 = SaRa 311/312 4 = 313

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### Section III – Physical/Characteristics

Boiling Point Specific Gravity (H2O = 1)

NA 0.9

Vapor pressure Melting Point

NA NA

Vapor Density (Air = 1) Evaporation Rate

NA NA

Solubility in Water pH 1% Solution

33% 11

Appearance and Odor: Free flowing powder

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### Section IV – Fire

Flash Point (Method Used): Flammable Limits: LEL UEL

None None None

Extinguishing Media: Water, Co2, Foam or Dry Powder

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None Known

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### Section V – Reactivity Data

Stability: Unstable Conditions to Avoid:  
Stable X

Incompatibility (Materials to Avoid): Concentrated mineral acids

Hazardous Decompositions or Byproducts: React with acids to release CO2 and heat

Hazardous: May Occur Conditions to Avoid

Polymerization: Will Not Occur X

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**Section VI – Health Hazard Data**

Route(s) of Entry: Inhalation ? No Ingestion? No

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Health Hazards Acute and Chronic:  
ACUTE: Eyes: Causes eye irritation, Skin: Skin irritation,  
Ingestion: May cause nausea and diarrhea,  
Inhalation: May cause irritation to respiratory tract.

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CHRONIC: Same as acute

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Target Organs  
NA

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Carcinogen: NTP? No LARC Monographs? No OSHA Regu. No

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Signs and Symptoms of Exposure: See above

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Medical Conditions Generally Aggravated by Exposure: Dermatitis or sensitive skin

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Emergency and First Aid Procedures: Eyes Flush thoroughly with fresh water for at least 15 minutes. Get medical attention

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Skin: Flush with fresh water. Wash with soap and water. Remove contaminated clothes and shoes. Get medical attention

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Ingestion: Give milk or water. Induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

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Inhalation: NA under normal operation

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**Section VII – Precautions for Safe Handling and Use**

Spill Procedure: Contain spilled solids. Wear protective clothing. Sweep or shovel solids or powder into a non-reactive chemical waste container. Dispose of material in accordance with local, state and federal regulations. Flush spill area with water.

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Waste Disposal Method: Dispose of material in accordance with local, state and federal regulations. Flush area with water.

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Precautions for Handling and Storage: Store in a cool dry area

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Other Precautions: Transport information: Cleaning compound other than liquid

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**Section VIII – Control Measure**

Respiratory Protection (Specify Type): None  
Ventilation Local Exhaust: None  
Mechanical General Other: None  
Protective Gloves: Work gloves recommended Eye Protection: Safety glasses  
Other Protective Clothing or Equipment: Not normally required

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Work Hygiene Practices: Wash with soap and water

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To the best of our knowledge the information contained herein is accurate. However, Arcus Absorbents Inc. assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any product is the sole responsibility of the user. All products 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 which exist.