



6901 Washington NE
Albuquerque, New Mexico 87109

Material Safety Data Sheet
Material/Trade Name: Rio Pickle
Stock Number: 501-020 - 025

501023M

EMERGENCY NUMBER ONLY
PLEASE NOTE: THIS 24 HOUR NUMBER IS LOCATED IN A HOSPITAL EMERGENCY ROOM. ONLY MEDICAL INFORMATION IS AVAILABLE. REFERENCE IS MADE BY RIO GRANDE STOCK NUMBER.
EMERGENCY TELEPHONE NO: (505) 823-8080

SECTION I IDENTIFICATION

Material/Trade Name: Rio Pickle
Stock Number: 501-020 - 025
Synonyms: Sodium Bisulfate

RGA Non-emergency Phone: (505) 345-8511
Date Prepared: 10/26/90
(SUPERCEDES ANY PREVIOUS VERSIONS)
Based on Mfr's MSDS Dated: 7/10/89

Use of the emergency telephone number is strictly for emergencies involving Rio Grande Albuquerque, Inc. products. When calling this number please refer to Rio Grande product stock number.

SECTION II INGREDIENTS/IDENTITY INFORMATION

Component (Synonym)	%	CAS No.	TLV	PEL	Other
Sodium Bisulfate	95	7681-38-1	None Known	None Known	2.5mg/m ³ *

* Dupont recommended exposure level

SECTION III PHYSICAL PROPERTIES

Boiling Point: 572°F
Vapor Pressure (mm Hg): Nil
Vapor Density (Air = 1): Not available
Solubility in Water: 48%
Appearance and Odor: White shotted particles with no odor
Specific Gravity: 2.72
Melting Point: 338°F
Evaporation Rate: Not available
Volatility: Not available

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not flammable
UEL: Unknown
Auto Ignition Temperature: Not available
Extinguishing Media: Use appropriate extinguishing media for surrounding area. Minimize water contact as product dissolves in water producing an acidic solution.
Special Fire-Fighting Procedures: Fire fighters should wear full turn out gear and SCBA.
Unusual Fire and Explosion Hazards: May decompose in fire to give off toxic fumes of oxides of sulfur.
Flammable Limits LEL: Unknown

SECTION V REACTIVITY DATA

Stable? Yes
Conditions to Avoid: Moisture and temperatures above 572°F
Incompatibility (Materials to Avoid): Water, calcium hypochlorite; solutions of sodium bisulfate in water form sulfuric acid which is incompatible with cyanides, sulfides, and carbides (releases toxic HCN, H₂S, and flammable acetylene gases).
Hazardous Decomposition or Byproducts: Oxides of sodium and sulphur
Hazardous polymerization may occur? No
Conditions to Avoid: None known



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SECTION VI HEALTH HAZARD DATA

Primary Routes of Exposure: Eye and skin contact, inhalation

Acute Signs and Symptoms of Overexposure: Dust will irritate nose, throat, mucous membranes and respiratory tract. Dust will irritate the eyes and prolonged contact may burn or damage eyes. Dust will irritate skin. Moisture on skin may cause burns due to formation of sulfuric acid. Swallowing dust or solids can be irritating to the mouth, throat, and gastrointestinal tract. Nausea, vomiting and abdominal pain may result.

Chronic Signs and Symptoms of Overexposure: None known

Carcinogenicity? No **Listed in:** Not listed

Medical Conditions Generally Aggravated by Exposure None known

First-Aid Procedures

Eye: Hold eyelids open and flush eyes for 15 minutes with large quantities of water. Seek medical attention immediately.
Skin: Wash area with soap and water. Remove contaminated clothing. Seek medical attention.
Inhalation: Remove victim to fresh air. Restore breathing if necessary. Seek medical attention immediately.
Ingestion: Seek medical attention immediately. Do not induce vomiting.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Actions to Take for Spills: Wearing appropriate personal protective equipment, sweep up powder. Avoid generating dust. Flush area with large amounts of water. Absorb run off. Do not get into sewers or drains. Place material into appropriate container.

Waste Disposal: Dispose of via a licensed disposal firm in accordance with all federal, state, and local regulations. Empty containers may have residues, gases, and mists and are subject to proper waste disposal as above.

Precautions to be Taken in Handling and Storage: Store in a cool, dry, well ventilated area. Store away from all other chemicals and potential sources of contamination. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

Other Precautions: Containers even those that have been emptied, will retain product residue. Always obey hazard warnings and handle empty containers as if they were full.

SECTION VIII EMPLOYEE PROTECTION MEASURES

Ventilation: Local ventilation is preferred to meet TLV requirements. General ventilation is acceptable, if exposure is maintained below TLV.

Respiratory Protection: Where exposure limits are exceeded, wear a NIOSH/MSHA approved respirator for dust and mist in accordance with OSHA respiratory protection requirements (29 CFR 1910.134).

Eye Protection: Chemical/splash goggles

Protective Gloves: Rubber gloves

Other Protective Equipment: Rubber apron and boots

Work/Hygiene Practices: Eyewash station and safety shower should be available in areas of use. Wash thoroughly after handling product.

The information herein is given in good faith, but no warranty, express or implied is made.