

SECTION 1 - IDENTIFICATION

Product: CITRA-FIZZ™

Recommended use of the chemical and restrictions on use:

Uses: Thermo-Chemical Drain Line Opener.

List of advices against: Not available.

Details of the supplier of the Safety Data Sheet:

Momar, Inc.
1830 Ellsworth Industrial Dr.
Atlanta, Ga. 30318
404-355-4580
800-556-3967
www.momar.com

Emergency Telephone Number (INFOTRAC): North America: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARD IDENTIFICATION

Classification: Oral Toxicity: 3
Skin Corrosion/Irritation: 1B
Eye Damage/Irritation: 1

Signal Word: Danger.

Hazard Statements: Toxic if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.

Pictograms:



Precautionary Statements:

Prevention: Wash hands and all exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dusts or mists.
Use only outdoors or in a well-ventilated area.

Response: If swallowed: Immediately call a poison center/doctor/hospital. Rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

	If inhaled: Remove person to fresh air and keep comfortable for breathing.
Storage:	Store locked up.
Disposal:	Dispose of contents/container to approved waste disposal plant in accordance with federal, state, and local regulations.
Other Hazards:	None known.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent Weight
Sodium Hydroxide	1310-73-2	50 - 55%

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15-20 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash clothing and shoes before reuse. Get medical attention immediately.

Inhalation: Get medical attention immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. May be dangerous for rescuer to give artificial respiration.

Ingestion: Get medical attention immediately. Do not induce vomiting. If victim is conscious and alert, give large amounts of water. Discontinue water if victim feels like they may vomit. Never give anything by mouth to an unconscious person. Keep head low in case of vomiting to keep material from entering lungs.

Most Important Symptoms and Effects:

Acute: Toxic if swallowed. Causes severe skin burns and eye damage.

Delayed: Prolonged or repeated skin contact can cause dermatitis or skin destruction.

Indication of Any Immediate Medical Attention and Special Treatment Needed: None known.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Product is nonflammable. Use dry chemical, carbon dioxide, water spray, or alcohol resistant foam as appropriate for surrounding fire.

Specific Hazards Arising From the Substance or Product: Contact with aluminum and/or galvanized metals will produce flammable hydrogen gas.

Hazardous Combustion Products: Oxides of carbon, smoke, and fumes.

Protective Equipment and Precautions for Firefighters: Wear a self-contained breathing apparatus in pressure- demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Additional protective clothing must be worn to prevent personal contact with this material. Those items include but are not limited to: boots, gloves, hard hat, splash proof goggles, full face shield and impervious clothing. Use water with caution and in flooding amounts.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid contact with skin and eyes. Wear protective clothing.

Environmental Precautions: Keep out of sewers and drains without proper permits. Spills should be diked and swept or vacuumed up. This material is alkaline and may raise the pH of surface waters with low buffering capacity.

Methods and Materials for Containment and Cleaning Up: Sweep or vacuum and place in containers. Collect and reclaim or dispose of in sealed containers in a licensed waste facility. Liquid material may be removed with a vacuum truck. Containers with spillage must be properly labeled with correct contents and hazard symbol.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spilling, skin, and eye contact. Wash thoroughly after handling. Use only with adequate ventilation. For industrial or professional use only. Do not cut or weld empty container. **KEEP OUT OF REACH OF CHILDREN.**

Conditions for Safe Storage: Store in a cool dry place. Store container tightly closed. Store separately from acids, metals, or combustible materials.

Incompatibilities: Strong acids, oxidizing agents, metals, organic materials.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits and Recommendations:

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
Sodium Hydroxide	2 mg/m ³	2 mg/m ³	Not listed

Engineering Controls: Normal ventilation.

Personal Protection Measures:

Respiratory Protection: As needed for dusts, vapors and mists. Use NIOSH approved filter for dust and caustic materials.

Skin and Body: Chemical apron and gloves.

Eye Protection: Safety glasses/goggles. Face shield as needed.

Other Recommendations: None.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: White, free-flowing powder with citrus odor.

Odor Threshold: Not determined.

pH: Above 10-12.

Freezing Point: Not determined.

Boiling Point: Not determined.

Flash Point: None.

Evaporation Rate (BUAC=1): Not determined.

Flammability:	Product is not flammable.		
Flammability or Explosion Limits:	Upper: Not applicable.	Lower: Not applicable.	
Vapor Pressure:	Not determined.		
Specific Gravity:	Not determined		
Solubility in Water:	Complete.		
Solubility in Other Solvents:	Not determined.		
Partition Coefficient (n-octanol/water):	Not determined.		
Auto-ignition Temperature:	Not determined.		
Decomposition Temperature:	Not determined.		
Viscosity:	Not determined.		
Other Information:	Density = .60-70 lb/ft ³		

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under normal temperature conditions and recommended use.
Possible Hazardous Reactions:	Not available.
Conditions to Avoid:	Contact with incompatible materials.
Incompatible Materials:	Acids, oxidizing agents, organic materials, metals.
Hazardous Decomposition Products:	Oxides of carbon, smoke, fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation	Ingestion	Skin	Eye
X		X	X

Physical, Chemical and Toxicological Effects:

Symptoms: Severe burns to skin and eyes.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization: Not a skin sensitizer.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: No components of this product are listed by NTP, IARC, or OSHA.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity: Not classified.

Numerical Measures of Toxicity:

Product: Not determined.

Component: No data.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Sodium Hydroxide
Fish: Mosquito Fish: LC50 = 125 mg/L; 96 hr.
Fish: Rainbow Trout: LC50 = 45.4 mg/L; 96 hr.
Invertebrates: Daphnia: EC50 = 40.38 mg/L; 48 hr.

Persistence and Degradability: Not expected to persist in the environment.

Bioaccumulation: Not expected to bioaccumulate.

Mobility: Not available.

Other Adverse Effects: None known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: Dispose of product in accordance with local, state, and federal regulations.

Contaminated Packaging: Empty containers should be triple rinsed and taken to an approved waste handling site for recycling or disposal.

Other Information: None.

SECTION 14 – TRANSPORTATION INFORMATION

DOT:

UN Number: UN1759
Proper Shipping Name: Corrosive Solid, n.o.s. (Sodium Hydroxide).
Hazard Class: 8
Packing Group: II

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations:

TSCA: All ingredients of this product are listed in the TSCA inventory.
SARA 313: This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
None		

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: May 16, 2003

Revision Date: July 9, 2014

Health	Flammability	Reactivity	Personal Protection
3	0	2	F

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