MONTGOMERY MANUFACTURING COMPANY
The Right Cleaner, Exactly Right!

Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: Sewer Pipe Cleaner

Product Use: Formulated sewer system treatment

Manufacturer: Montgomery Manufacturing Co., 2900 W. Kingsley Rd, Garland, TX 75041 tel 817-478-3221.

Emergency Contact: InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

Section 2—Hazards Identification

Physical Hazards:	Corrosive to Metals: 1
Health Hazards:	Eye Corrosion: 1
	Skin Corrosion: 1
	Acute Oral Toxicity: 4
Environmental Hazards:	Acute Aquatic Toxicity: 2
	Chronic Aquatic Toxicity: 2

Signal Word: DANGER

Symbols:

Hazard Statements: May be corrosive to metals. Causes severe skin burns and serious eye damage. Harmful if swallowed. Toxic to aquatic life with long lasting effects.

Precautionary Statements: Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection. Do not eat, drink or smoke when using this product. Avoid release to the environment. Keep only in original container.
Contain spillage.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
If swallowed: Call a doctor if you feel unwell. 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 inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
Absorb spillage to prevent material damage.
Store locked up. Store in corrosive resistant container with a resistant inner liner.
Dispose of contents and container in accordance with local, regional, national, international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Sodium Hydroxide	30-60	1310-73-2
Aluminum Chips	10-30	N/D
Sodium Nitrate	1-5	7631-99-4
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a doctor.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get attention.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a doctor.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: Oxides of carbon.

Special equipment and precautions: Normal protective clothing. Self contained breathing apparatus should be provided to firefighters in confined spaces.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Avoid release to the environment. Contain spill. Absorb liquid with inert material. Sweep up and place in a container. Material may become slippery. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

Section 7—Handling and Storage

Precautions for safe handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Cautions for safe storage: Store locked up. Store in corrosive resistant container with a resistant inner liner.

Incompatibilities: Water (except when used as directed); strong alkalies and oxidizing agents.

Section 8—Exposure controls/personal protection

Exposure Limits: Sodium Hydroxide: PEL (2 mg/m³) TWA-TVL (NA) STEL-TVL (2 mg/m³)

Specific Engineering: Use local exhaust ventilation if necessary.

Individual protective equipment and measures: Eyes: Chemical goggles; face shield if splashing is possible. Skin: Normal protective clothing; impervious gloves. Respiratory: If operator will be exposed to airborne dust or if irritation is experienced, NIOSH approved respirator.

Section 9—Physical and Chemical Properties

Physical State: Solid (powder)	Flammability (solid, gas): None. In a fire, sodium nitrate may accelerate burning of other materials
Color: Red	Vapor Pressure (mmHg): N/D
Odor: Characteristic odor	Vapor Density (air= 1): N/D
Odor Threshold: N/D	Relative Density: N/D
pH: 13	Solubilities: In water: N/D
Melting point/freezing Point: 318 °C	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: 1390 °C primary ingredient	Auto-Ignition Temperature: N/D
Flash Point: N/D	Decomposition Temperature: N/D
Evaporation Rate: Estimated slower than ethyl ether.	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: Water
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: N/D
Incompatible Materials: Water (except when used as directed); strong alkalies and oxidizing agents.	Hazardous Decomposition Products: N/D

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Sodium Hydroxide	500 mg/kg	N/D	N/D
Aluminum Chips	1,999 mg/kg	N/D	N/D
Sodium Nitrate	1,267 mg/kg	N/D	N/D
Product as a Whole	574 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: Skin: possible burns. Eye: possible burns. Gastrointestinal tract: possible burns. Inhalation: possible burns.

Effects of Chronic Exposure: N/D

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: No data available.

Section 12—Ecological Information:

Ecotoxicity: Toxic to aquatic life with long lasting effects.
Sodium Hydroxide: Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h. LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h. Toxicity to daphnia and Immobilization EC50 - Daphnia (water flea) - 40.38 mg/l - 48 h

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Avoid release to the environment. Do not dispose of near water system. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contents and container in accordance with local, regional, national, international regulations.

Section 14—Transport Information

UN number: UN 1823	UN proper shipping name: Sodium hydroxide, solid mixture
Transport hazard class(es) : 8	Packing group if applicable: II
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

US DOT: meets the criteria for hazard communication. US OSHA: Meets the criteria for hazard communication.

Section 16—Other Information

Key to Abbreviations:
no info not determined, no information found
N/D not determined, no information found

Date SDS Prepared: July 1, 2015

Suggested NFPA rating: H=3, F=0, I=1, S=None.

Suggested HMIS rating: H=3, F=0, P=1, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility

of such damages.