

SAFETY DATA SHEET



Date Prepared : 07/22/2016

SDS No : Chem Rod

Date Revised : 03/30/2021

Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200

PRODUCT DESCRIPTION: Large Drain Opener & Specific Field Drain Clean Out Product

PRODUCT CODE: Chem Rod

CHEMICAL FAMILY: Alkaline Blend

MANUFACTURER

Technichem

P.O. Box 475

Rupert, ID 83350

Emergency Contact: Corporate Office

Emergency Phone: 208-531-4100

Customer Service: 208-531-4100

Transportation: 1-800-633-8253 PERS

24 HR. EMERGENCY TELEPHONE NUMBERS

PERS 1-800-633-8253 contract # 8575

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Serious Eye Damage

GHS LABEL

Causes severe skin and eye burns.



Corrosion



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

General:

P262: Do not get in eyes, on skin, or on clothing.

POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Corrosive, causes skin burning.

SKIN ABSORPTION: None known.

INGESTION: Can burn mouth, throat and stomach.

INHALATION: Dust or vapor irritating to eyes and respiratory tract.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: None known.

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MUTAGENICITY: None known.**CANCER STATEMENT:** None**WARNING CAUTION LABELS:** Corrosive

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydroxide	< 90	1310-73-2
D-gluconic Acid, Monosodium Salt	< 10	527-07-1
Aluminum	< 1	7429-90-5
D-limonene	< 1	5989-27-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning, severe pain to eyes.**SKIN:** Burning, severe pain to skin**SKIN ABSORPTION:** None known.**INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water or juice. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.**ACUTE EFFECTS:** None Expected.**CHRONIC EFFECTS:** None Expected.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.**HAZARDOUS COMBUSTION PRODUCTS:** None Expected.**EXPLOSION HAZARDS:** None**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up with water and rinse**LARGE SPILL:** After removal, flush contaminated area thoroughly with water.

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ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

GENERAL PROCEDURES: Clean up spills immediately, observing precautions in Protective Equipment section.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container closed when not in use.

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE TEMPERATURE: Store in a cool place below (120) F (49) C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Aluminum	OSHA PEL	TWA		15T 5R
	ACGIH TLV	TWA		1

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Nitrile gloves

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Do not smoke when using this product or any chemicals.

OTHER USE PRECAUTIONS: A Safety Shower and a Eye Wash Station should be available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Powder / Granular

ODOR: Caustic Odor

APPEARANCE: White Granular Material

COLOR: Off white

pH: 14

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: None

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FLAMMABLE LIMITS: 0 to 0**AUTOIGNITION TEMPERATURE:** None**VAPOR PRESSURE:** NA = Not Applicable**VAPOR DENSITY:** NA = Not Applicable**FREEZING POINT:** NA = Not Applicable**POUR POINT:** NA = Not Applicable**SOLUBILITY IN WATER:** 100%**EVAPORATION RATE:** NA = Not Applicable**SPECIFIC GRAVITY:** 1.15**VISCOSITY:** NA = Not Applicable

10. STABILITY AND REACTIVITY

REACTIVITY: NA = Not Applicable**HAZARDOUS POLYMERIZATION:** None Expected.**STABILITY:** Stable.**CONDITIONS TO AVOID:** Aluminum, any soft Metals and Paint**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen**INCOMPATIBLE MATERIALS:** Aluminum, any soft Metals and Paint

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: Product will cause severe burns to skin and eyes, Onset of pain may be delayed.**ORAL LD₅₀:**

Harmful or fatal if swallowed.

The symptoms of chemical pneumonitis may not show up for a few days.

INHALATION LC₅₀: May cause allergy or asthma symptoms or breathing difficulties if inhaled**SKIN CORROSION/IRRITATION:** Corrosive to Skin**SERIOUS EYE DAMAGE/IRRITATION:** Product will cause severe burns to skin and eyes, Onset of pain may be delayed.**RESPIRATORY OR SKIN SENSITISATION:** May cause allergy or asthma symptoms or breathing difficulties if inhaled**GERM CELL MUTAGENICITY:** None

CARCINOGENICITY

IARC: None Expected.**OSHA:** None Expected.**NOTES:** None**REPRODUCTIVE TOXICITY:** None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: NA = Not Applicable**BIOACCUMULATION/ACCUMULATION:** None known.**AQUATIC TOXICITY (ACUTE):** None Expected.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Neutralize with acid to reach a Ph between 5 and 9 and dispose of into a waste water treatment system.
Spent product may already be at a Ph of 9 or below.

FOR LARGE SPILLS: Neutralize with acid to reach a Ph between 6 and 8 and dispose of into a waste water treatment system.
Spent product may already be at a Ph of 9 or below.

PRODUCT DISPOSAL: Rinse with water, recycle if possible

EMPTY CONTAINER: Rinse with water, recycle if possible

RCRA/EPA WASTE INFORMATION: No data available. Contact Env. Dept.

RCRA HAZARD CLASS: No data available. Contact Env. Dept.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Solid NOS

TECHNICAL NAME: Sodium Hydroxide

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 1759

PACKING GROUP: PG II

NAERG: 154

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 5

U.S. SURFACE FREIGHT CLASS: 55

PLACARDS: Corrosive

LABEL: Corrosive 8

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S7/8: Keep container tightly closed and dry.

R35: Causes severe burns.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	< 90	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Sodium Hydroxide	1310-73-2
D-gluconic Acid, Monosodium Salt	527-07-1
Aluminum	7429-90-5
D-limonene	5989-27-5

16. OTHER INFORMATION

APPROVED BY: Brian Rencher TITLE: President

PREPARED BY: Brian Rencher Date Revised: 03/30/2021

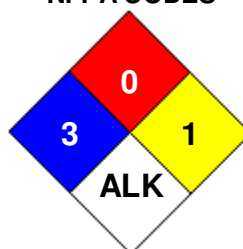
INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 07/22/2016 SDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY		0
PHYSICAL HAZARD		1
PERSONAL PROTECTION		D

NFPA CODES



MANUFACTURER DISCLAIMER: This SDS is written with the best of our chemical knowledge and with common sense and in every day terms. If you do not understand a term or phrase please ask a supervisor.