

SAFETY DATA SHEET



Date Prepared : 06/14/2016
 SDS No : Positive 170
 Date Revised : 05/20/2021
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200
PRODUCT DESCRIPTION: HD HOT TANK & SPRAY CABINET DETERGENT
PRODUCT CODE: Positive 170
PRODUCT FORMULATION NAME: Positive 170
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
 Skin Corrosion

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.
 H302 + H312: Harmful if swallowed or in contact with skin.

PRECAUTIONARY STATEMENTS

General:

P262: Do not get in eyes, on skin, or on clothing.
 P270: Do not eat, drink or smoke when using this product.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
 P362+P364: Take off contaminated clothing and wash it before reuse.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Cloudy Liquid

IMMEDIATE CONCERNS: Causes severe skin and eye burns.

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POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Corrosive, causes skin burning.

SKIN ABSORPTION: Corrosive, causes skin burning.

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.

MUTAGENICITY: None known.

MEDICAL CONDITIONS AGGRAVATED: Can cause chemical burn.

CANCER STATEMENT: None

WARNING CAUTION LABELS: Corrosive

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Edta Disodium Salt	< 1	6381-92-6
Sodium Hydroxide	< 35	1310-73-2
D-gluconic Acid, Monosodium Salt	< 2	527-07-1
Potassium Hydroxide	< 10	1310-58-3
Alcohols, C12-14, Ethoxylated	< 7	68439-50-9

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: Irritation and redness

SKIN ABSORPTION: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

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: For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.

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5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

GENERAL HAZARD: Material will not burn.

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.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up with water and rinse

LARGE SPILL: Collect spilled product and reuse if possible. Wash area with detergent & water, caution surface may be slippery.

ENVIRONMENTAL PRECAUTIONS

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

LAND SPILL: Do not allow product to contaminate soil or ground water.

AIR SPILL: None

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: Keep container closed.

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

LOADING TEMPERATURE: NA = Not Applicable

LOADING/UNLOADING VISCOSITY: NA = Not Applicable

STORAGE PRESSURE: NA = Not Applicable

SHELF LIFE: At least 2 years from date of manufacture

ELECTROSTATIC ACCUMULATION HAZARD: None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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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

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Nitrile gloves

RESPIRATORY: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

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: Liquid

ODOR: Caustic Odor

APPEARANCE: Cloudy Liquid

COLOR: Cloudy to Clear Liquid

pH: 14

PERCENT VOLATILE: 95%

FLASH POINT AND METHOD: None

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: None

VAPOR PRESSURE: NA = Not Applicable

VAPOR DENSITY: NA = Not Applicable

BOILING POINT: 210 F

FREEZING POINT: < 20 F

MELTING POINT: NA = Not Applicable

THERMAL DECOMPOSITION: NA = Not Applicable

SOLUBILITY IN WATER: 100%

EVAPORATION RATE: Water = 1 Positive 170 = 1.4

DENSITY: NA = Not Applicable

SPECIFIC GRAVITY: 1.22

VISCOSITY: water thin

(VOC): 0 - VOC

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10. STABILITY AND REACTIVITY

REACTIVITY: NA = Not Applicable
HAZARDOUS POLYMERIZATION: None Expected.
STABILITY: Stable.
CONDITIONS TO AVOID: Oxidizing materials.
POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
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: Harmful in contact with 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 Expected.

CARCINOGENICITY

IARC: None

OSHA: None

NOTES: None

REPRODUCTIVE TOXICITY: None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: NA = Not Applicable

ECOTOXICOLOGICAL INFORMATION: None known.

BIOACCUMULATION/ACCUMULATION: None known.

AQUATIC TOXICITY (ACUTE): None Expected.

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: Large amounts should be collected for re-use or consigned to a licensed hazardous waste hauler for disposal.

PRODUCT DISPOSAL: Disposal should be in accordance with regulations

EMPTY CONTAINER: Rinse with water, recycle if possible

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

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid NOS

TECHNICAL NAME: Sodium Hydroxide

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 1760

PACKING GROUP: PG II

NAERG: 154

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.

R21/22: Harmful in contact with skin and if swallowed.

R41: Risk of serious damage to eyes.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

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

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

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

CERCLA REGULATORY: None

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	< 35	1,000
Potassium Hydroxide	< 10	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Chemical Name	CAS
Sodium Hydroxide	1310-73-2
D-gluconic Acid, Monosodium Salt	527-07-1
Potassium Hydroxide	1310-58-3
Alcohols, C12-14, Ethoxylated	68439-50-9

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): None

CALIFORNIA PROPOSITION 65: None

16. OTHER INFORMATION

APPROVED BY: Brian Rencher TITLE: President

PREPARED BY: Brian Rencher Date Revised: 05/20/2021

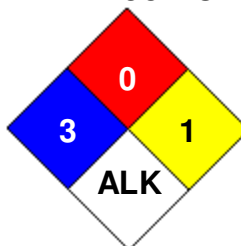
INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 06/14/2016 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.