

# SAFETY DATA SHEET



Date Prepared : 03/27/2018  
 SDS No : Big Brute Powder  
 Date Revised : 01/20/2026  
 Revision No : 4

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** 208-375-7200  
**PRODUCT DESCRIPTION:** Restaurant Exhaust Hood Detergent  
**PRODUCT CODE:** Big Brute Powder  
**PRODUCT FORMULATION NAME:** Big Brute Powder  
**CHEMICAL FAMILY:** Alkaline Detergent

### 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

Causes severe skin and eye burns.  
 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.

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** White Granular detergent

**IMMEDIATE CONCERNS:** Causes severe skin and eye burns.

### 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.

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**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 Expected.

**WARNING CAUTION LABELS:** Corrosive

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydroxide	< 60	1310-73-2
Silicic Acid (h <sub>2</sub> sio <sub>3</sub> ), Disodium Salt	< 15	6834-92-0
Triphosphoric Acid, Pentapotassium Salt	< 10	13845-36-8
D-gluconic Acid, Monosodium Salt	< 5	527-07-1
D-limonene	< 3	5989-27-5
Sodium Dodecylbenzene Sulfonate	< 2	25155-30-0
Edta Disodium Salt	< 1	6381-92-6

## 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.

**NOTES TO PHYSICIAN:** Caustic Burn

**ANTIDOTES:** Flush with cool water

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## 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.

**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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Sodium Dodecylbenzene Sulfonate	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

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**PHYSICAL STATE:** Powder / Granular  
**ODOR:** Slight Orange Scent  
**APPEARANCE:** White Granular Material  
**COLOR:** Off white  
**pH:** 13.5 to 14  
**PERCENT VOLATILE:** Not Available  
**FLASH POINT AND METHOD:** None  
**FLAMMABLE LIMITS:** 0 to 0  
**AUTOIGNITION TEMPERATURE:** None  
**VAPOR PRESSURE:** Not Available  
**VAPOR DENSITY:** Not Available  
**BOILING POINT:** 210 F  
**THERMAL DECOMPOSITION:** Not Available  
**SOLUBILITY IN WATER:** 100%  
**SPECIFIC GRAVITY:** 1.03  
**(VOC):** 1 to 2 %

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

**DERMAL LD<sub>50</sub>:** Will cause skin burning and irritation  
**SKIN CORROSION/IRRITATION:** Corrosive to Skin  
**SERIOUS EYE DAMAGE/IRRITATION:** Causes serious eye irritation.  
**RESPIRATORY OR SKIN SENSITISATION:** May cause allergy or asthma symptoms or breathing difficulties if inhaled  
**GERM CELL MUTAGENICITY:** None Expected.

### CARCINOGENICITY

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

## 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.

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

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	< 60	1,000
Sodium Dodecylbenzene Sulfonate	< 2	1,000

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Triphosphoric Acid, Pentapotassium Salt	13845-36-8
D-gluconic Acid, Monosodium Salt	527-07-1
D-limonene	5989-27-5
Sodium Dodecylbenzene Sulfonate	25155-30-0

## 16. OTHER INFORMATION

**APPROVED BY:** Brian Rencher **TITLE:** President

**PREPARED BY:** Brian Rencher **Date Revised:** 01/20/2026

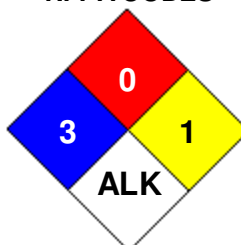
**INFORMATION CONTACT:** 208-375-7200

**REVISION SUMMARY:** This SDS replaces the 04/07/2025 SDS.

## HMIS RATING

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