

# SAFETY DATA SHEET



Date Prepared : 05/04/2016

SDS No : MZF

Date Revised : 03/30/2021

Revision No : 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** 208-375-7200

**PRODUCT DESCRIPTION:** Spray Cabinet Aluminum Cleaner

**PRODUCT CODE:** MZF

**PRODUCT FORMULATION NAME:** MZF

**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 skin and eye irritation.

### GHS LABEL

Causes skin and eye irritation.



Exclamation  
mark

**SIGNAL WORD:** WARNING

### HAZARD STATEMENTS

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H335: May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS

#### General:

P270: Do not eat, drink or smoke when using this product.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P402+P404: Store in a dry place. Store in a closed container.

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** White Granular detergent

**IMMEDIATE CONCERNS:** Causes skin and eye irritation.

### POTENTIAL HEALTH EFFECTS

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**EYES:** Contact causes severe eye irritation.

**SKIN:** Contact causes severe skin irritation and possible burns.

**SKIN ABSORPTION:** A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amount.

**INGESTION:** Do Not Induce vomiting, Drink plenty of water, Consult a physician.

**INHALATION:** Dust may be slightly irritating to eyes and respiratory tracts.

## REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** None Expected.

**CARCINOGENICITY:** None Expected.

**MEDICAL CONDITIONS AGGRAVATED:** None Expected.

**CANCER STATEMENT:** None Expected.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Silicic Acid (h <sub>2</sub> sio <sub>3</sub> ), Disodium Salt	< 40	6834-92-0
Triphosphoric Acid, Pentapotassium Salt	< 30	13845-36-8
Carbonic Acid Monosodium Salt	< 20	144-55-8
Sodium Hydroxide	< 10	1310-73-2
Alcohols, C12-14, Ethoxylated	< 5	68439-50-9
D-gluconic Acid, Monosodium Salt	< 3	527-07-1
Talc	< 2	14807-96-6
Distillates (petroleum) Solvent Dewaxed Heavy Paraffins	< 2	64742-65-0

## 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:** Irritation and redness

**SKIN:** Irritation and redness, acid burning, which may not occur until at some point after exposure.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** None known.

**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.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None

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**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 known.

**OTHER CONSIDERATIONS:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**SENSITIVE TO STATIC DISCHARGE:** None Expected.

**SENSITIVITY TO IMPACT:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Mop up with water and rinse

**LARGE SPILL:** After removal, flush contaminated area thoroughly with water.

### 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:** Avoid contact with eyes, skin, and clothing.

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

**STORAGE:** Keep container closed.

**STORAGE TEMPERATURE:** Store at room temperature - below 75 F and above 50 F

**SHELF LIFE:** At least 2 years from date of manufacture

## 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
		STEL	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:** normal work clothes

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** Powder / Granular  
**APPEARANCE:** White Granular Detergent  
**COLOR:** White  
**pH:** 11.5-12.5  
**PERCENT VOLATILE:** NA = Not Applicable  
**FLASH POINT AND METHOD:** None  
**AUTOIGNITION TEMPERATURE:** None Expected.  
**VAPOR PRESSURE:** NA = Not Applicable  
**VAPOR DENSITY:** NA = Not Applicable  
**BOILING POINT:** NA = Not Applicable  
**FREEZING POINT:** NA = Not Applicable  
**MELTING POINT:** NA = Not Applicable  
**THERMAL DECOMPOSITION:** NA = Not Applicable  
**SOLUBILITY IN WATER:** 100%  
**EVAPORATION RATE:** NA = Not Applicable  
**DENSITY:** < 62 Lb / cubic foot  
**VISCOSITY:** NA = Not Applicable

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable.  
**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.  
**STABILITY:** Stable.  
**CONDITIONS TO AVOID:** Oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.  
**INCOMPATIBLE MATERIALS:** Some Paints, very soft aluminum and magnesium - test 1st

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

**DERMAL LD<sub>50</sub>:** None Expected.

**ORAL LD<sub>50</sub>:** None Expected.

**INHALATION LC<sub>50</sub>:** None Expected.

**SKIN CORROSION/IRRITATION:** Harmful in contact with 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.

**NOTES:** None Expected.

**REPRODUCTIVE TOXICITY:** None Expected.

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** None**BIOACCUMULATION/ACCUMULATION:** None Expected.**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:** 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:** Disposal should be in accordance with regulations**EMPTY CONTAINER:** Rinse with water, recycle if possible

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Granular Cleaning Compound**TECHNICAL NAME:** Granular Cleaning Compound**PRIMARY HAZARD CLASS/DIVISION:** None**SECONDARY HAZARD CLASS/DIVISION:** None**U.S. SURFACE FREIGHT CLASS:** 55**PLACARDS:** None**LABEL:** None**MARINE POLLUTANT #1:** None**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Granular Cleaning Compound**HAZARD CLASS:** None

## 15. REGULATORY INFORMATION

**UNITED STATES****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**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** NA = Not Applicable

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

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

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Triphosphoric Acid, Pentapotassium Salt	13845-36-8
Carbonic Acid Monosodium Salt	144-55-8
Sodium Hydroxide	1310-73-2
Alcohols, C12-14, Ethoxylated	68439-50-9
D-gluconic Acid, Monosodium Salt	527-07-1
Talc	14807-96-6
Distillates (petroleum) Solvent Dewaxed Heavy Paraffins	64742-65-0

## 16. OTHER INFORMATION

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

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

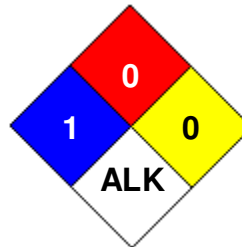
**INFORMATION CONTACT:** 208-375-7200

**REVISION SUMMARY:** This SDS replaces the 05/04/2016 SDS.

### HMIS RATING

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

### 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.