

# SAFETY DATA SHEET



Date Prepared : 01/11/2016

SDS No : Muscle

Date Revised : 09/21/2021

Revision No : 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** 208-375-7200**PRODUCT DESCRIPTION:** Heavy Duty All Purpose Cleaner**PRODUCT CODE:** Muscle**PRODUCT FORMULATION NAME:** Serious Degreaser**CHEMICAL FAMILY:** Phosphate Free 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 LABEL

Exclamation  
mark**SIGNAL WORD:** WARNING

### HAZARD STATEMENTS

H316: Causes mild skin irritation.

H320: Causes eye irritation.

**MEDICAL CONDITIONS AGGRAVATED:** None Expected.**CANCER STATEMENT:** None Expected.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Benzenesulfonic Acid, C10-16-alkyl Derivs.	< 3	68584-22-5
Silicic Acid (h <sub>2</sub> sio <sub>3</sub> ), Disodium Salt	< 3	6834-92-0
Potassium Hydroxide	< 1	1310-58-3
2- Butoxyethanol	< 10	111-76-2

## 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.

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**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:** Contact causes skin irritation.

**SKIN ABSORPTION:** None

**INGESTION:** None

**INHALATION:** None

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None

**FLAME PROPAGATION OR BURNING RATE OF SOLIDS:** None

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** None

**OTHER CONSIDERATIONS:** None

**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

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

**RELEASE NOTES:** None

**SPECIAL PROTECTIVE EQUIPMENT:** None

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid prolonged or repeated contact with skin.

**STORAGE:** Keep from freezing.

**STORAGE TEMPERATURE:** Keep from freezing.

**STORAGE SEGREGATION CLASS:** N

**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 <sup>3</sup>
2- Butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97
	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:** No special ventilation requirements.

**PROTECTIVE CLOTHING:** normal work clothes

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Glycol Ether scent

**APPEARANCE:** Clear - No Dye Liquid

**pH:** 12 to 12.5

**PERCENT VOLATILE:** 95%

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** 0 to 0

**AUTOIGNITION TEMPERATURE:** None

**VAPOR PRESSURE:** 0.037

**VAPOR DENSITY:** 0.037

**BOILING POINT:** 210 F

**FREEZING POINT:** 32 F

**THERMAL DECOMPOSITION:** None known.

**SOLUBILITY IN WATER:** 100%

**EVAPORATION RATE:** Water = 1 Serious Degreaser = 1

**SPECIFIC GRAVITY:** 1.07

**VISCOSITY:** water thin

**(VOC):** 0.26

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** None Expected.

**HAZARDOUS POLYMERIZATION:** None Expected.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

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**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

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

**SERIOUS EYE DAMAGE/IRRITATION:** None Expected.

### CARCINOGENICITY

**OSHA:** None

**STOT-REPEATED EXPOSURE:** None Expected.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not yet Determined

**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

**RCRA/EPA WASTE INFORMATION:** None

**RCRA HAZARD CLASS:** None

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Liquid Cleaning Compound

**TECHNICAL NAME:** Liquid Cleaning Compound

**PRIMARY HAZARD CLASS/DIVISION:** None

**U.S. SURFACE FREIGHT CLASS:** 55

**PLACARDS:** None

**LABEL:** None

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Liquid Cleaning Compound

### AIR (ICAO/IATA)

**SHIPPING NAME:** Liquid Cleaning Compound

### CANADA TRANSPORT OF DANGEROUS GOODS

**SHIPPING NAME:** Liquid Cleaning Compound

## 15. REGULATORY INFORMATION

**UNITED STATES**

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## 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
Potassium Hydroxide	< 1	1,000

CERCLA RQ: None

## EPA

EPA RQ INGREDIENT: None

## TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Benzenesulfonic Acid, C10-16-alkyl Derivs.	68584-22-5
Silicic Acid (h2sio3), Disodium Salt	6834-92-0
Potassium Hydroxide	1310-58-3
2- Butoxyethanol	111-76-2

CARCINOGEN: None

## 16. OTHER INFORMATION

APPROVED BY: Brian Rencher TITLE: President

PREPARED BY: Corporate Office Date Revised: 09/21/2021

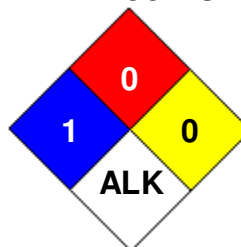
INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 01/03/2017 SDS. Revised: Section 1: PREPARED BY.

## HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	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.