

SAFETY DATA SHEET



Date Prepared : 08/18/2015

SDS No : Brute

Date Revised : 03/30/2021

Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200**PRODUCT DESCRIPTION:** Heavy Duty Detergent**PRODUCT CODE:** Brute**CHEMICAL FAMILY:** 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

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Contact causes severe eye irritation.**SKIN:** Contact causes severe skin irritation and possible burns.**INGESTION:** Can burn mouth, throat and stomach.**INHALATION:** Dust or vapor irritating to eyes and respiratory tract.**CARCINOGENICITY:** None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Nitrite	< 2	7632-00-0
Glycine, N, N'-1, 2-ethanediybis[n-(carboxymethyl)-	< 1	60-00-4
Sodium Hydroxide	< 1	1310-73-2
Sodium Dodecylbenzene Sulfonate	< 4	25155-30-0
Sodium Xylenesulfonate	< 4	1300-72-7
Silicic Acid (h ₂ sio ₃), Disodium Salt	< 3	6834-92-0
Triphosphoric Acid, Pentasodium Salt	< 1	7758-29-4
Poly(oxy-1,2-ethanediy), .alpha.sulfo-.omega.-hydroxy-, C10-16-alkyl Ethers, Sodium Salts	< 3	68585-34-2
Linear Primary Alcohol Ethoxylate	< 1	68439-46-3
Oils, Pine	< 1	8002-09-3

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

SKIN: Contact causes skin irritation.

SKIN ABSORPTION: None Expected.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: 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.

SENSITIVE TO STATIC DISCHARGE: None

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.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid prolonged or repeated contact with skin.

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

STORAGE: Keep from freezing.

STORAGE TEMPERATURE: Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
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: No special ventilation requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Chemical Name	Flash Point (°C)
Linear Primary Alcohol Ethoxylate	334

PHYSICAL STATE: Liquid**ODOR:** Pine scent**COLOR:** green**pH:** 11 to 12**PERCENT VOLATILE:** 85-90**FLASH POINT AND METHOD:** None**FLAMMABLE LIMITS:** 0 to 0**Notes:** None**AUTOIGNITION TEMPERATURE:** None**VAPOR PRESSURE:** None known.**VAPOR DENSITY:** None known.**BOILING POINT:** 210 F**FREEZING POINT:** 32 F**THERMAL DECOMPOSITION:** None known.**SOLUBILITY IN WATER:** 100%**EVAPORATION RATE:** Water = 1 Galley Clean = .9**SPECIFIC GRAVITY:** 1.15**(VOC):** 21**OXIDIZING PROPERTIES:** None**10. STABILITY AND REACTIVITY****REACTIVITY:** None Expected.**HAZARDOUS POLYMERIZATION:** None**STABILITY:** Not Available**CONDITIONS TO AVOID:** Oxidizing materials.**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.**INCOMPATIBLE MATERIALS:** Aluminum and some paints.**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

CARCINOGENICITY**IARC:** None**NTP:** None**OSHA:** None**NOTES:** None

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12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: 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:** None**EMPTY CONTAINER:** Rinse with water, recycle if possible**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable**RCRA HAZARD CLASS:** NA = Not Applicable

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)**PROPER SHIPPING NAME:** Liquid Cleaning Compound**TECHNICAL NAME:** Liquid Cleaning Compound**PRIMARY HAZARD CLASS/DIVISION:** NA = Not Applicable**U.S. SURFACE FREIGHT CLASS:** 55**PLACARDS:** None**LABEL:** None**MARINE POLLUTANT #1:** None**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Liquid Cleaning Compound**VESSEL (IMO/IMDG)****SHIPPING NAME:** Liquid Cleaning Compound

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**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt. %	CAS
Sodium Nitrite	< 2	7632-00-0

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**CERCLA REGULATORY:** None

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Chemical Name	Wt.%	CERCLA RQ
Sodium Nitrite	< 2	100
Glycine, N, N'-1, 2-ethanediylbis[n-(carboxymethyl)-	< 1	5,000
Sodium Hydroxide	< 1	1,000
Sodium Dodecylbenzene Sulfonate	< 4	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Nitrite	7632-00-0
Glycine, N, N'-1, 2-ethanediylbis[n-(carboxymethyl)-	60-00-4
Sodium Hydroxide	1310-73-2
Sodium Dodecylbenzene Sulfonate	25155-30-0
Sodium Xylenesulfonate	1300-72-7
Silicic Acid (h2sio3), Disodium Salt	6834-92-0
Triphosphoric Acid, Pentasodium Salt	7758-29-4
Poly(oxy-1,2-ethanediyl), .alpha.sulfo-.omega.-hydroxy-, C10-16-alkyl Ethers, Sodium Salts	68585-34-2
Linear Primary Alcohol Ethoxylate	68439-46-3
Oils, Pine	8002-09-3

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 09/15/2015 SDS.

HMIS RATING

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

NFPA CODES

