



SAFETY DATA SHEET

SOS, 1 at & 1 gal

1. Product and Company Identification

Product Code: C572 & C573
Product Name: SOS, 1 at & 1 gal
Company Name: CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477
Phone Number: (800)843-7813

Web site address: www.cyclo.com
Email address: ehs@cyclo.com

Emergency Contact: First Aid Emergency (800)752-7869
CHEMTREC (703) 527-3887 (800)424-9300

Information: First Aid Emergency (Outside U.S.) (312)906-6194

2. Hazards Identification

GHS Signal Word: None

GHS Hazard Phrases: No phrases apply.

GHS Precaution Phrases: No phrases apply.

GHS Response Phrases: P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases: P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Potential Health Effects (Acute and Chronic): No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	95.0 -100.0 %
1310-73-2	Sodium hydroxide	< 1.0 %
194491-31-1	EDTA, tetrasodium salt, hydrate	< 1.0 %
NA	SCF Polymer	< 1.0 %
NA	SCF 45	< 1.0 %
NA	Dye	< 0.025 %



4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. Give plenty of water. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, remove from skin and wash thoroughly with soap and water or waterless cleanser. Remove and launder contaminated clothing. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: Nonflammable
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NP
Suitable Extinguishing Media: No data available.
Fire Fighting Instructions: No data available.
Flammable Properties and Hazards: No data available.
Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: No data available.

7. Handling and Storage

Precautions To Be Taken in Handling: Keep out of the reach of children.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
1310-73-2	Sodium hydroxide	PEL: 2 mg/m3	CEIL: 2 mg/m3	No data.
194491-31-1	EDTA, tetrasodium salt, hydrate	No data.	No data.	No data.
NA	SCF Polymer	No data.	No data.	No data.
NA	SCF 45	No data.	No data.	No data.
NA	Dye	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No data available.
Eye Protection: No data available.
Protective Gloves: No data available.
Other Protective Clothing: No data available.
Engineering Controls (Ventilation etc.): No data available.



9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	Clear Blue Luquid		
pH:	<=8.0		
Melting Point:	No data.		
Boiling Point:	No data.		
Flash Pt:	Nonflammable		
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.		UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Specific Gravity (Water = 1):	No data.		
Solubility in Water:	No data.		
Octanol/Water Partition Coefficient:	No data.		
Autoignition Pt:	NP		
Decomposition Temperature:	No data.		
Viscosity:	No data.		

10. Stability and Reactivity

Stability:	Unstable []	Stable [X]
Conditions To Avoid - Instability:	No data available.	
Incompatibility - Materials To Avoid:	No data available.	
Hazardous Decomposition or Byproducts:	No data available.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.	



11. Toxicological Information

Toxicological Information:

CAS# 7732-18-5:

Other Studies:, TDLo, Oral, Species: Rabbit, 3502. GM/KG, 2 W.

Results:

Behavioral: Convulsions or effect on seizure threshold.

Behavioral: Muscle weakness.

Related to Chronic Data - death.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, TDLo, Oral, Infant, 333.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

Gastrointestinal:Hypermotility, diarrhea.

Nutritional and Gross Metabolic:Changes in:Body temperature increase.

- Archives of Disease in Childhood., British Medical Journal, Box 560B, Kennebunkport, ME 04046, Vol/p/yr: 54,551, 1979

Acute toxicity, TDLo, Oral, Human, 42.86 GM/KG.

Results:

Behavioral: Tremor.

Behavioral: Muscle contraction or spasticity.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Rectal, Species: Woman, 180.0 GM/KG, 28 H.

Results:

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Mydriasis (pupillary dilation).

Behavioral: Convulsions or effect on seizure threshold.

Gastrointestinal:Nausea or vomiting.

- Journal of the American Medical Association, American Medical Association, 535 N. Dearborn St., Chicago, IL 60610, Vol/p/yr: 104,1569, 1935

Acute toxicity, LD50, Oral, Rat, > 90.00 ML/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

- Food Research., For publisher information, see JFDSA, Champaign, IL, Vol/p/yr: 21,348, 1956

Acute toxicity, LD50, Intraperitoneal, Mouse, 190.0 GM/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

Kidney, Ureter, Bladder: Changes in bladder weight.

- National Technical Information Service, Vol/p/yr: AD628-313,

Acute toxicity, LD50, Intravenous, Mouse, 25.00 GM/KG.

Results:

Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

Related to Chronic Data - death.

- Microvascular Research., Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 8,320, 1974



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Acute toxicity, LDLO, Oral, Dog, 629.0 GM/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

Kidney, Ureter, Bladder: Changes in bladder weight.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Oral, Species: Cat, 320.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Oral, Species: Rabbit, 368.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Intravenous, Species: Rabbit, 13.00 GM/KG.

Results:

Blood:Other hemolysis with or without anemia.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Rectal, Species: Rabbit, 450.0 GM/KG.

Results:

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Mydriasis (pupillary dilation).

Behavioral: Muscle contraction or spasticity.

Gastrointestinal: Changes in structure or function of salivary glands.

- Journal of the American Medical Association, American Medical Association, 535 N. Dearborn St., Chicago, IL 60610, Vol/p/yr: 104,1569, 1935

Acute toxicity, LDLO, Oral, Species: Guinea pig, 429.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.
194491-31-1	EDTA, tetrasodium salt, hydrate	n.a.	n.a.	n.a.	n.a.
NA	SCF Polymer	n.a.	n.a.	n.a.	n.a.
NA	SCF 45	n.a.	n.a.	n.a.	n.a.
NA	Dye	n.a.	n.a.	n.a.	n.a.



12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not-Restricted
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Restricted
UN Number:
Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Restricted

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Restricted

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No
194491-31-1	EDTA, tetrasodium salt, hydrate	No	No	No
NA	SCF Polymer	No	No	No
NA	SCF 45	No	No	No
NA	Dye	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
1310-73-2	Sodium hydroxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
194491-31-1	EDTA, tetrasodium salt, hydrate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
NA	SCF Polymer	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
NA	SCF 45	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA



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Revision: 05/03/2016

Supersedes Revision: 08/18/2015

PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

NA Dye

CAS # Hazardous Components (Chemical Name)

7732-18-5 Water

1310-73-2 Sodium hydroxide

194491-31-1 EDTA, tetrasodium salt, hydrate

NA SCF Polymer

NA SCF 45

NA Dye

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No

Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No

Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No

16. Other Information

Revision Date: 05/03/2016

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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