

ARGYLLA TECHNOLOGIES
MATERIAL SAFETY DATA SHEET

Section 1. Chemical & Product Company Identification

Product Identifier: 20X Sarcosyl Solution

Product No. 300-00-30

Chemical Name: N-Lauroylsarcosine Sodium Salt Solution

Synonyms: Sodium Lauroyl Sarcosinate, Sodium N-lauroylsarcosinate, Sodium N-dodecanoyl-N-methylglycinate, Sarkosyl NL, Sarcosyl

Manufacturer's Name: Argylla Technologies, LLC

Street Address of Manufacturer: 1500 E. 17th St. Tucson, AZ 85719

Mailing Address of Manufacturer: PO Box 26906 Tucson, AZ 85726

Phone Number of Manufacturer: 1-800-234-6642

MSDS Prepared by: Argylla Technologies, LLC Date MSDS Prepared: 08-28-2007 MSDS No. 003

Section 2. Composition / Information on Ingredients

Ingredient	%	CAS Number	LD50 (species & route)
Water	70-90	7732-18-5	526mg/kg (rat/oral)
N-lauroylsarcosine sodium	10-30	137-16-6	Not established

Section 3. Hazards Identification

	Health	Flammability	Reactivity
NFPA	0	0	0
HMIS	0	0	0

Please refer to Section 11 for additional information on toxicity.

Section 4. First Aid Measures

Dermal exposure: immediately wash skin with soap and copious amounts of water.

Eye exposure: flush with water for 15min while separating eyelids with fingers to ensure thorough rinsing.

Inhalation: Remove to fresh air. If breathing becomes labored, call physician.

Ingestion: provided person is conscious, wash out mouth with water. Call physician.

Section 5. Fire Fighting Measures

Flammable: No

Means of extinction: water spray, carbon dioxide, chemical powder

Flashpoint: Not available

Autoignition temperature: Not available

Hazardous combustion products: None

NFPA/Firefighting: Wear a self-contained breathing apparatus and clothing to shield skin, eyes, from contact.

Section 6. Accidental Release Measures

Leak & Spill Procedures

Absorb spilled material on sand or vermiculite and place in closed container. Ventilate area and wash site of spill after cleaning.

Section 7. Handling & Storage

Procedures and equipment for handling

User exposure: avoid inhalation, contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage requirements: as suitable. Keep tightly closed.

Section 8. Exposure Control / Personal Protection

Exposure Limits - ACGiHTLV- none

OSHA PEL- none

Specific Engineering Controls - Safety shower and eye bath. Mechanical exhaust required.

Personal Protective equipment - Gloves: Yes, protective gloves

Respirator: Not required. Where protection is desired, use multi-purpose combination

(USA) or type ABEK (EN 1438) respirator cartridges. Eye: Yes, chemical safety goggles.

Section 9. Physical / Chemical Properties

Physical State: liquid	Appearance: clear, colorless	Odor & Odor Threshold: N/A
Specific Gravity: N/A	Vapor Density (air = 1): N/A	Vapor Pressure (mm Hg): N/A
Evaporation Rate: N/A	Boiling Point, °C: N/A	Freezing Point, °C: N/A
pH: N/A	Coefficient of Distribution, water/oil: N/A	Water Solubility: N/A
Molecular Weight: 293.38 AMU		N/A = not available

Section 10. Stability & Reactivity

Chemical Stability: stable
Incompatibility with other substances: strong oxidizing agents
Hazardous Decomposition Products: carbon monoxide, carbon dioxide, nitrogen oxides
Hazardous Polymerization: will not occur

Section 11. Toxicological Information

Possible Routes of Exposure: Skin- may cause dermal irritation
Eye- may cause eye irritation
Inhalation- material may be irritant to mucous membranes and upper respiratory tract.
Ingestion- may be harmful if swallowed.

Signs, Symptoms of Acute or Chronic Exposure:
Coughing, wheezing, respiratory distress and diarrhea. To the best of our knowledge, the chemical, physical and toxicological properties (carcinogenicity, mutagenicity, teratogenicity, respiratory sensitization, embryotoxicity) of this material have not been thoroughly investigated.

Section 12. Ecological Information

Aquatic toxicity: no data available

Section 13. Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in chemical incinerator equipped with an afterburner and scrubber. All federal, state and local environmental regulations are to be observed.

Section 14. Transport Information

Department of Transportation Proper shipping name: none
Considered Non-hazardous for Transport
IATA : Non-hazardous for Air Transport.

Section 15. Regulatory Information

US Classification & Label Text: "Caution: avoid contact and inhalation"
US Regulatory Information: Not SARA listed
EU Additional Classification: S: 24 / 25 "Avoid contact with skin and eyes"
Canada Regulatory Information:
HMIS Classification:
This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and the MSDS contains all the information required by the CPR.
DSL: No
NDSL: No

Section 16.

Disclaimer: Product to be used for Research and Development only. Not for drug, household or other uses.