

**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. 17<sup>th</sup> 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.