

# Material Safety Data Sheet

Date entered: **1/21/97**Date Revised: **8/12/07**

## Algonquin Products

1165 Allgood Road  
Suite 13  
Marietta Ga. 30062 U.S.A.  
(770)-578-4240



Emergency Numbers:  
Medical: **(866)-791-9595**  
Transportation: **(800)-424-9300**

## Section 1 PRODUCT IDENTIFICATION

(1.) Product Name: **Algonquin Rinse Aid**  
(2.) Product Number: **2-982-500**  
(3.) Chemical name/synonyms: n/a  
(4.) Chemical family: Alkaline Reducing agent  
(5.) Chemical formula: Proprietary  
(6.) NFPA & HMIS acute hazard rating: Health: **2** Flammability: **0** Reactivity: **0**  
(7.) Preparer Name: Bill Lyon Phone: (866)-791-9595  
(8.) Personal Protective Equipment: Safety glasses, gloves, synthetic apron

## Section 2 CHEMICAL COMPOSITION

Note: list all CERCLA hazardous substances at 1% or greater and carcinogens at 0.1% or greater.

(1.) Ingredient:	(2.) SARA Note 313:	(3.) CAS Number:	(4.) % range:	(5.) PEL:	(6.) LD50:	(7.) TLV:
Sodium Hydroxide	No	1310-73-2	95-99	2ma/m <sup>3</sup>	500mg/kg.	2ma/m <sup>3</sup>

Note

Balance: Non hazardous

## Section 3 PHYSIOLOGICAL EFFECTS

(1.) Primary routes(s) of entry into body: (2.) Eyes: \_\_\_ (3.) Skin: X (4.) Inhalation: \_\_\_ (5.) Ingestion: \_\_\_  
(6.) Acute effects:  
(7.) Eyes: tissue irritation, some swelling, blurred vision  
(8.) Skin: tissue irritation, redness, defatting  
(9.) Inhalation: tissue irritation, shortness of breath, black out  
(10.) Ingestion: tissue irritation, some swelling of abdomen, nausea, vomiting  
(11.) Chronic effects: not known

## Section 4 EMERGENCY AND FIRST AID PROCEDURES

(1.) Eyes: rinse for 15 minutes with potable water, if irritation persists, seek medical attention.  
(2.) Skin: rinse for 15 minutes with potable water, if irritation persists, seek medical attention.  
(3.) Inhalation: remove victim to fresh air, if symptoms persist, seek medical attention.  
(4.) Ingestion: do not induce vomiting, give large amounts of potable water while seeking immediate medical attention.  
(5.) Special instructions to physician: none

## Section 5 FIRE AND EXPLOSION HAZARD DATA

(1.) Flash point: none °F (2.) Method: TCC (3.) Flammable limits in air: n/a (4.) Autoignition temperature: not known °C  
(5.) Suitable extinguishing media: water, CO<sub>2</sub> (6.) Hazardous combustion biproducts: none  
(7.) Rec. fire fighting procedures: normal procedures (8.) Unusual fire explosion hazards: none

## Section 6 ENVIRONMENTAL INFORMATION

(1.) Spill or leak procedures:  
(2.) Small spill leak: stop leak. neutralize material with mild acid, mop or vacuum to disposal container or rinse to sanitary sewer.  
(3.) Large spill leak: stop leak. neutralize material with mild acid, mop or vacuum to disposal container then rinse remainder to sanitary sewer.  
(4.) Spill reportable quantity: none  
(5.) Waste disposal method: follow local, state and federal guidelines.  
(6.) EPA appropriate waste classification: not listed  
(7.) RCRA appropriate characteristic waste: not listed (8.) if so EPA hazardous waste number: n/a  
(9.) RCRA appropriate listed waste: not listed (10.) if so EPA hazardous waste number: n/a  
(11.) non RCRA regulated waste: yes  
(12.) Procedure for handling empty containers: do not reuse. give to drum reconditioner for disposal  
(13.) Environmental toxicity data: **BIODEGRADABLE**  
(14.) Other regulatory controls: none

(15.) Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as a:

(16.) Toxic pollutant (section 307): No(17.) Hazardous substance (section 311)?: Yes(18.) if yes, reportable quantity (R.Q.): 100 pounds(18.) Oil section 311? No

(19.) Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as a:

(20.) Hazardous air pollutant section (12)?: No(21.) Comments: none

## Section 7 STORAGE AND HANDLING PRECAUTIONS

(1.) Storage: store at temperatures below 120°F(2.) Handling: wear chemical resistant gloves, eye and face protection when handling(3.) Precautionary labeling: CORROSIVE

## Section 8 OCCUPATIONAL CONTROL PROCEDURES

(1.) Ventilation: (2.) local exhaust      (3.) general exhaust X (4.) none required     

(5.) Personal protective equipment:

(6.) Respirator type: none required(7.) Gloves: (8.) Natural rubber:      (9.) plastic:      (10.) nitrile:      (11.) neoprene: X (12.) butyl:      (13.) other:     (14.) Eye protection: (15.) glasses with side shield: X (16.) full face shield:      (17.) chemical splash goggles:      (18.) other:     

## Section 9 PHYSICAL DATA

(1.) Appearance: White (2.) Odor: None (3.) Physical state: Powder(4.) Boiling Point: n/a (5.) Freeze Point: n/a (6.) Specific Gravity: 1.21 (7.) pH Neat: n/a (8.) pH 1%: 12.5 (9.) % Solids: 100.0%(10.) % Volatiles: 0.0% (11.) Solubility Water: Complete (12.) Vapor pressure: n/a (13.) Vapor density: n/a(14.) Evaporation rate: n/a (15.) VOC Less Exempt (theoretical): 0.00 lbs./gal (16.) VOC As Packaged (theoretical): 0.00 lbs./gal.

## Section 10 REACTIVITY DATA

(1.) Thermal stability: Stable(2.) Condition to avoid: extreme heat(3.) Hazardous decomposition products: none(4.) Hazardous polymerization: may occur:      will not occur: X(6.) Materials to avoid: strong oxidizers, acids(7.) Corrosive action on materials: severe on soft metals

## Section 11 TOXICOLOGICAL INFORMATION

(1.) Summary of health effects:

severe skin irritation, skin defatting upon skin exposure

## Section 12 SHIPPING REQUIREMENTS

(1.) Indicate country/regulatory agency which specifies requirements: U.S.A.-DOT

(2.) Proper Shipping name:

Corrosive Solid, N.O.S., (Sodium Hydroxide), 8, UN-1759, PG III, ERG#60 Item Name: Algonquin Rinse Aid, Item Number: 2-982-500(3.) Hazardous class: 8, (4.) Identification number: UN-1759, (5.) Packaging group: PG III, (6.) Emergency response guide number: ERG#60(7.) Labels required: Corrosive(8.) Other requirements: none(9.) Note: noneProduct Name: **Algonquin Rinse Aid**Product Number: 2-982-500

n/d = not determined; n/a = not applicable