

# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:** AL-S20  
**Chemical Name/Synonyms:** None  
**Company:** AL Systems LLC, Morton PA 19070

**In emergency call (800)424-9300 Chemtrec**  
**For information about this SDS, use this department contact phone#: 215 431 8935**

## Section 2: Hazard(s) Identification

**Hazard Classification:** Health 1 Fire 0 Reactivity 0

**Signal Word(s):** None

**Hazard Statements:** Acute toxicity , Oral (category 5), Skin irritation (Category 2), Eye Irritation (category2)

**Pictograms:**



**Precautionary Statements:** P280 Wear protective gloves/eye wear / closing/face protection.  
P 305+351+338: If eyes were exposed : Rinse continuously with water for 15 minutes minimum.  
P310: Call poison control center if swallowed

**Description of other hazards:** Harmful if swallowed. Harmful to aquatic life

**Recommended Protective Equipment :** PVC lined, neoprene, nitrile rubber gloves , chemical splash goggles, polycarbonate face guards, apron, long pants and boots. Avoid direct skin contact.

## Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Sodium Metasilicate		6834-92-0	3.8-4%
Proprietary Surfactants			11-12%
C9-11 Alcohols Ethoxylated		6839-46-3	1.9%
Sodium Citrate		68-04-2	1.9%
Sodium Carbonate		497-19-8	0.4%
Tetrasodium Glutamate Diacetate		51981-21-6	0.4%

<b>Citric Acid</b>		77-92-9	0.4%
<b>MethylChloroisothiazolinone</b>		26172-55-4	0.008%
<b>Fragrance</b>			0.004%
<b>Colorant</b>			0.004%
<b>Water</b>		7732-18-5	77-79%

#### Section 4: First-Aid Measures

**After skin contact:** Immediately washed with running water and mild soap for 5 minutes minimum. Consult physician if irritated

**After eye contact:** Washed for at least 15 minutes lifting lower and upper eyelids as necessary. get medical attention immediately.

**After inhalation:** No hazardous effects expected, if observed move to the fresh air immediately

**After swallowing:** Immediately drink two glasses of water. Consult physician. Do not induce vomiting

#### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** Use dry chemicals, CO2 based, water spray or "alcohol" foam.

**Special protective equipment for firefighters:** Use self contained breathing apparatus when necessary.

#### Section 6: Accidental Release Measures

**Personal precautions:** Avoid Eye/Skin contact. Wear protective goggles

**Measures for environmental protection:** Do not allow into the open waterways and ground water systems

**Measures for cleaning/collecting:** Remove personnel from the spill area. Soak up with inert absorbing material. Caution: Material is slippery. Wear proper footwear.

#### Section 7: Handling and Storage

**Handling:** Insure proper ventilation. Keep out of reach of children. Do not pierce any part of the container. Keep container closed at all times except when soap fill required.

**Storage:** Keep container tightly closed. Store in cool dry area, avoid temperatures above 102F and below 32F. Limit personnel access to the chemical storage area.

## Section 8: Exposure Controls/Personal Protection

No Components listed with TWA or STEL values under OSHA or ACGIH

**General protective and hygienic measures:** Use of chemical goggles and splash protective gear is highly recommended

**Breathing equipment:** Face masks and respirator use is encouraged. Use in well ventilated areas.

**Protection of hands:** Nitrile or rubber gloves use recommended. Any protective gloves suffice for the shorter periods of time.

**Eye protection:** Chemical grade goggles use recommended.

## Section 9: Physical and Chemical Properties

**Form:** Liquid of pale green/ yellow color

**Odor:** Surfactant faint odor

**Odor threshold:** ND

**pH:** 10 +/- 2

**Melting point/melting range:**

**Boiling point/boiling range:** 102C (214F)

**Flash point:** >212F

**Evaporation rate:** N/E

**Flammability:** Not Applicable

**Upper/lower flammability or explosive limits:** N/A

**Auto ignition temperature:** N/A

**Danger of explosion:** None

**Vapor pressure:** 0.6 PSi at 77F

**Vapor density:** ND

**Relative density:** ND

**Solubility in/Miscibility with water:** 100% in water

## Section 10: Stability and Reactivity

**Reactivity:**

**Chemical stability:** stable under listed normal conditions

**Conditions to avoid:** freezing temperatures

**Incompatible materials:** None known

**Hazardous decomposition products:** None known

## Section 11: Toxicological Information

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**Likely Routes of Exposure:** Inhalation - Skin Contact -

Eye Contact - Ingestion -

May cause irritation of mucous membranes Skin Irritant.  
Serious Eye damage.  
May cause stomach upset.

*Symptoms related to the physical, chemical and toxicological characteristics:* no symptoms expected under typical use conditions.

*Delayed and immediate effects and or chronic effects from short term exposure:* No health effects information available for human exposure. Based on the available animal toxicity information for similar materials, it is anticipated that direct contact with this concentrate may possibly produce severe eye or skin irritation.

*Delayed and immediate effects and or chronic effects from long term exposure:* No health effects information available for human exposure. Based on the available animal toxicity information for similar materials, Prolonged exposures may cause chemical burns with possible irreversible damage. Ingestion may cause burning pain in the mouth, throat and abdomen; swelling of the larynx; circulatory shock and/ or convulsions. Mists or vapors of this concentrate may cause irritation of mucous membranes

*Interactive effects:* Not known.

Numerical Measures of Toxicity

**Acute Toxicity:** Oral LD50 (rat) 300 – 2000 mg/kg

Dermal LD50 (rabbit) 2000 – 5000 mg/kg

No toxicity information is available for this specific material. This toxicity information provided is for similar formulations.

**Likely Routes of Exposure:** Inhalation - Skin Contact -

Eye Contact - Ingestion -

May cause irritation of mucous membranes Skin Irritant.  
Serious Eye damage.  
May cause stomach upset.

*Symptoms related to the physical, chemical and toxicological characteristics:* no symptoms expected under typical use conditions.

*Delayed and immediate effects and or chronic effects from short term exposure:* No health effects information available for human exposure. Based on the available animal toxicity information for similar materials, it is anticipated that direct contact with this concentrate may possibly produce severe eye or skin Skin Corrosion/Irritation: Eye Damage/Irritation: Germ Cell Mutagenicity: Carcinogenicity: Reproductive Toxicity: STOT-Single Exposure: STOT-Repeated Exposure: Aspiration Hazard:

Irritant per calculation. No animal testing performed.

Serious eye damage per calculation. No animal testing performed. Mixture does not classify under this category.

Mixture does not classify under this category.

Mixture does not classify under this category.

Mixture does not classify under this category.

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## Section 12: Ecotoxicity

Ecotoxicity:

Aquatic Terrestrial:

Biological Information:

Mixture does not trigger toxicity classification under the Globally Harmonized System of Classification and Labeling of Chemicals

## Section 13: Disposal Consideration

### Unused or Used Liquid

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsates is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### Empty Containers:

**CONTAINER DISPOSAL:** Non-Refillable Container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

## Section 14: Transport Information

**Transport in Bulk (according to AnnexII of MARPOL 73/78 and IBC Code)** Unknown

Not Applicable U.N.ProU.N.Number

**Shipping Name** Cleaning Compound, Liquid NO1 Not applicable

**Marine Pollutant** NO

Special Precautions which user needs to be aware of/comply with in connection with transport or conveyance either within or outside their premises:

**US DOT Canadian TDG:** Not regulated for shipping

**IMO/IDMG:** Not classified as Hazardous