

Safety Data Sheet

Formula 220

SECTION I - IDENTIFICATION



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Product Number ALG-1954
Product Name Formula 220
Chemical Family Low Foaming Cleaner
CAS Number Multiple
Date Prepared 4/29/2016
Revision Number 3/8/2026 Industrial
Recommended Use Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Eye Irritation

Category 1

DANGER!

GHS LABEL:



Hazard Statements

H315 Causes skin irritation

H318 Causes serious eye damage

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Precautionary Statements

P264	Wash... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+352	IF ON SKIN: Wash with plenty of water/...
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see ... on this label).
P332+313	If skin irritation occurs: get medical advice/attention.
P362+364	Take off immediately all contaminated clothing and wash it before reuse.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Sodium phosphate, tribasic	7758-29-4	< 2	Not Established	Not Established
Silicate Salts	6834-92-0	< 5	Not Established	Not Established
Sodium Xylene Sulfonate	1300-72-7	< 4		
2-Butoxyethanol	111-76-2	< 8	50 ppm	20 ppm
Sodium Hydroxide	1310-73-2	< 5	2 mg/m ³ , Ceiling	2 mg/m ³ , Ceiling

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: If inhaled: Remove victim to fresh air.

Ingestion: If swallowed: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do not induce vomiting.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water

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used for cooling.

Unusual Fire Fighting Hazards: Not determined.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Mop up or absorb onto absorbant material and collect for disposal. Dispose of contents/container to an approved waste disposal plant.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not eat, drink or smoke when using this product. Do not breath dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.
 - Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of the reach of children.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Sodium phosphate, tribasic	7758-29-4	Not Established	Not Established
Silicate Salts	6834-92-0	Not Established	Not Established
Sodium Xylene Sulfonate	1300-72-7		
2-Butoxyethanol	111-76-2	50 ppm	20 ppm
Sodium Hydroxide	1310-73-2	2 mg/m ³ , Ceiling	2 mg/m ³ , Ceiling

Engineering Controls: Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

Monitoring: Follow accepted work practices for handling a corrosive material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.

Personal Protective Equipment (PPE)

Eye Protection: Safety glasses with side shields or chemical goggles.

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Skin Protection: Wear protective gloves and protective clothing.

Respiratory Protection: Do not breath in mist/spray.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red liquid
Odor	Butyl Odor
pH@25°C	13
Melting/Freezing Point	Not Determined
Flashpoint	Not Determined
Specific Gravity	1.07
Soluability	Complete
Auto-Ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
VOC Content	Not Determined
Odor Threshold	Not Determined
Boiling Range	>212°F
Evaporation Point	Unknown
Flammable Limits - Upper	Not Determined
Flammable Limits - Lower	Not Determined
Vapor Pressure	Not Determined
Vapor Density (Air=1)	Not Determined
Viscosity	Not Determined

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid high temperatures. Keep out of reach of children.

Hazardous Decomposition/Byproducts: None known

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Strong acids and oxidizers

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Skin or eye contact, inhalation of mist.

Inhalation: Do Not Inhale

Eye Contact: Causes severe eye damage.
Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

Ingestion: Harmful if swallowed.

Acute Toxicity Value: See Health Hazards below.

Chronic (Long Term) Effects: See Health Hazards above.

Toxicity:

Component Name	LD50	LC50
Sodium phosphate, tribasic	Oral - Rat - male and female - > 2,000 mg/kg; Dermal - Rabbit -	Inhalation - Rat - male and female - 4 h - > 0.39 mg/
Silicate Salts	Oral - mouse - 770 mg/kg; Oral - rat - 1153 mg/kg	Not Established
Sodium Xylene Sulfonate		
2-Butoxyethanol	Oral - Rat - 470 mg/kg; Dermal - Rabbit - 220 mg/kg;	Inhalation - Rat - 4 h - 450 ppm
Sodium Hydroxide	Not Established	Not Established

Reproductive Effects Not Applicable

Teratogenicity Not Applicable

Mutagenicity Not Applicable

Embryotoxicity Not Applicable

Sensitization to Product Not Applicable

Synergistic Products Not Applicable

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Carcinogenicity Not Listed as a Carcinogen

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Not Determined.

Mobility: Not Determined.

Degradability:

BioAccumulation: Not Determined.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, State, and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Compound, Cleaning, Liquid (Not Regulated by DOT)

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X	N/A		

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SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
Sodium phosphate, tribasic	7758-29-4	< 2	5,000
2-Butoxyethanol	111-76-2	< 8	5,000
Sodium Hydroxide	1310-73-2	< 5	1,000

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 2

HMIS Flammability: 0

HMIS Reactivity: 1

Additional:

Specification Information

Department issuing data sheet: Revised 10/16/25

Email address:

Training necessary:

Disclaimer:

The information provided in this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.