

SAFETY DATA SHEET

ALKALINE-800

SECTION 1 — Identification Product and Company

Product Name: Alkaline-800
Recommended Use: Alkaline Cleaner
Use Restrictions: Use only for purposes specified on label

Supplier Name: UNICORE TECHNOLOGIES, INC.
P.O. BOX 3877
Turlock, CA 95381
USA
1-209-669-8490

24 HR Emergency Telephone: Chem.Tel 1-800-255-3924

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SECTION 2 — Hazards Identification

GHS Classification: Skin corrosion/irritation- category 1
Serious eye damage/ eye irritation- category 1
Corrosive to metals-category 1
Aquatic toxicity (Acute) - category 2

Signal Word: Danger

Symbol:



Hazard Statements: Causes severe skin burns and eye damage. Maybe corrosive to Metals. Toxic to aquatic life

Precautionary Statements: Wear chemical gloves, protective clothing and eye or face protection. Wash hands thoroughly after handling. For first aid measures, and in case of accidental contact, read and follow section 4

Storage: Keep container tightly closed
Keep away from children

Disposal: Try to use product completely for its intended use. Dispose in accordance with applicable local, state, and national regulatory agency requirements.

SAFETY DATA SHEET

ALKALINE-800

SECTION 3— Composition/Information on Ingredients

Substance/mixture: Mixture

Hazardous Ingredients	CAS number	Concentration Range (%)
Sodium hydroxide	1310-73-2	10-12
Sodium hypochlorite	7681-52-9	2.5
Amine oxide surfactant	61788-90-7	2-5
Sodium xylene sulfonate	1300-72-7	2-5

SECTION 4— First Aid Measures

Eye contact: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, and easy to do. Continue rinsing. Get medical attention immediately.

Skin contact: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Get medical attention

Ingestion: Get medical attention immediately. Do not induce vomiting. Rinse mouth

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.

SECTION 5— Fire-Fighting Measures

Suitable extinguishing media: Water spray, fog or foam

Specific hazards arising from chemical:

In a fire or if heated, pressure may occur and container may burst. Decomposition products may include carbon dioxide carbon monoxide, metal sulfur oxides

Protective Equipment

& precautions for firefighters: Fire fighters should wear appropriate protective equipment and self contained breathing apparatus with a full face piece operated in positive pressure mode.

SAFETY DATA SHEET

ALKALINE-800

SECTION 6— Accidental Release Measures

Personal precautions: Keep unauthorized personnel out of area. Put on appropriate personal protective equipment. Do not touch or walk through spill

Environmental precautions: Avoid contact of spilled material and runoff with soil and surface waterways.

Methods for cleaning up: Put on appropriate personal protective equipment. Absorb or cover with dry earth, sand, or non-combustible material and transfer into containers. Use clean tools to scoop material

SECTION 7— Handling and Storage

Handling: Do not get in eyes or skin. Do not breathe vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling. Do not mix with acid or ammonia, toxic gas will be released

Storage: Keep out of reach of children. Keep container tightly closed. Keep away from heat

SECTION 8— Exposure controls/ personal protection

COMPONENT	ACGIH TLV	OSHA PEL
Sodium hydroxide Sodium hypochlorite	C: 2mg/m ³ AIHA WEEL (USA) STEL: 2mg/m ³ 15 min	TWA: 2mg/m ³ 8hrs

Engineering controls: Use only with adequate ventilation. Provide eye wash and shower, incase of contact or splash hazard

Eye/Face protection: Use chemical splash goggles

Skin protection: Use chemical resistant gloves. Use synthetic apron or protective equipment, as necessary to prevent skin contact

Respiratory protection: If exposure limits are exceeded or if irritation is experienced

Hygiene measures: Wash hands thoroughly. If clothes contaminated, wash before reusing. Do not eat, drink, smoke, when using product.

SAFETY DATA SHEET

ALKALINE-800

SECTION 9— Physical and Chemical Properties

Physical State:	Liquid	Flash point:	No data available
Color:	Light Yellow	Vapor pressure:	No data available
Odor:	Low	Vapor density:	No data available
pH:	12.5-13.5	Viscosity:	No data available
Relative density:	1.165-1.205	Explosion limits:	No data available
Solubility (water):	Soluble	Evaporation rate:	No data available
Melting point:	No data available	Partition coefficient:	No data available
Boiling point:	No data available	Auto ignition:	No data available
Flammability:	No data available	Decomposition temperature:	No data available

SECTION 10— Stability and Reactivity

Product AS SOLD/ Undiluted

Chemical stability:	This product is stable
Incompatible materials:	Acids. Mixing with acids will generate toxic chlorine gas
Possibility of hazardous reactions:	Under normal condition of storage and use, hazardous reactions will not occur.
Hazardous decomposition products:	Under normal condition of storage and use, hazardous decomposition products should not be produced.

SAFETY DATA SHEET

ALKALINE-800

SECTION 11— Toxicological Information

Product AS SOLD/ Undiluted

Route of exposure: Skin, eye, inhalation, and ingestion

Symptoms

Eye contact: Pain, watering, redness

Skin contact: Pain, redness, blistering may occur

Ingestion: Adverse symptoms may include stomach pains

Inhalation: Adverse symptoms may include coughing, respiratory tract irritaiton

Acute toxicity:

Eye contact: Causes serious eye damage

Skin contact: Causes severe burns

Ingestion: May cause burns to mouth, throat, and stomach

Inhalation: May cause respiratory irritation

COMPONENT	RESULT	SPECIES	DOSE
Sodium hypochlorite	LD50 dermal	Rabbit	>10000 mg/kg
	LD50 oral	Rat	5230 mg/kg
Amine oxide surfactant	LD50 dermal	Rat	>2174mg/kg
	LD50 oral	Rat	846mg/kg

Chronic toxicity: No known significant effects or critical hazards.

SECTION 12— Ecological Information

Product AS SOLD/ Undiluted

Ecotoxicity: This material is toxic to aquatic life

Component	Result	Species	Exposure
Sodium Hydroxide	Acute EC50 40 mg/mL	Daphnia	48 hours
Sodium Hypochlorite	Acute EC50 0.071 mg/L	Daphnia	48 hours

SAFETY DATA SHEET

ALKALINE-800

SECTION 13— Disposal Considerations

Product AS SOLD/ Undiluted

Waste disposal

methods/recommendations: Attempt to use product completely in accordance with intended use. Disposal must be in accordance with applicable local, state and federal regulatory agency compliance. Unused product is D002 (corrosive) under RCRA classification

SECTION 14— Transport Information

D.O.T. classification: UN3266

Proper shipping name: Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium hypochlorite)

Hazard class: 8

Packaging group: II

SECTION 15— Regulatory Information

Product AS SOLD/ Undiluted

U.S. Federal regulations:

TSCA 8(b) inventory: All components are listed or exempted

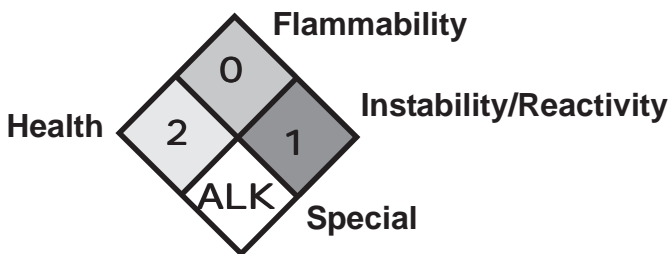
SARA 313 Form R-Reporting: No listed substance

California Prop. 65 No listed substance

SECTION 16— Other Information

Product AS SOLD/ Undiluted

National Fire Protection Association (USA):



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