



**NAB Battery Acid
Cleaner & Neutralizer**

More product information can be found on our website at:
www.northamericanbio.com

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Section I: Product Information

Trade Name: BATTERY ACID CLEANER & NEUTRALIZER	Chemical Family: Alkaline Cleaners
Chemical Name and Synonyms: Alkaline Cleaning Solution	Formula: Proprietary Blend
C.A.S. Registry Number: N/A – Mixture	D.O.T. Label: N/A
D.O.T. Proper Shipping Name: Not Regulated	D.O.T. Identification NO.: N/A
D.O.T. Hazard Class: N/A	

Section II: Physical Data

Specific Gravity: 1.108	Finished Product Weight: 9.23 lbs/gal
Freezing Point: N.D.	pH: 11.3 (nominal)
Boiling Point: N.D.	Solubility in Water: Soluble
Vapor Pressure: N.D.	Evaporation Rate: N.D.
Appearance & Odor: Red Liquid with Slight Citrus Odor	Percent Volatile (wt.%): N.D.

Section III: Ingredients

Chemical Name:	CAS#	Wt%	PEL Level	TLV Level
Surfactant Mixture	(mixture)	1-10	Not Established	Not Established
Alkaline Salts	(mixture)	5-15	Not Established	Not Established
Water	7732-18-5	60-85	Not Established	Not Established

Section IV: Fire and Explosion Data

Flashpoint:	>200°F
Extinguishing Media:	For fires use water spray, dry chemical, foam, or carbon dioxide.
Special Fire Fighting Procedures:	Evacuate area of all unprotected personnel. Wear full protective clothing and positive pressure, self-contained breathing apparatus.
Unusual Explosion Hazards:	Burning can produce oxides of carbon. Any proposed use of this product at extreme temperatures is not recommended.

Section V: Reactivity Data:

Stability:	Stable
Incompatibility:	Oxidizers, strong acids, strong bases. Prolonged contact with aluminum, brass, copper, or other alkali sensitive metals
Hazardous Decomposition Products:	Burning can produce oxides of carbon
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Excessive heat, sparks, open flames, and strong oxidizing conditions



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Section VI: Spill/Leak and Disposal Procedures

Contain spill, ventilate area, wear personal protective equipment, wipe up or absorb on inert absorbent. Dispose in accordance with local, state, and federal regulations.

Section VII: Health Data

Effects of Overexposure

Eye Contact: Irritant, possibly corrosive to eye tissues. May cause permanent eye damage. Tearing, redness, pain, impaired vision are symptoms.

Skin Contact: Irritant, possibly corrosive if contact is prolonged. Soreness, redness, destruction of skin may result.

Inhalation: Respiratory tract irritant, may cause serious burns on acute contact.

Ingestion: Irritant, possibly corrosive to mucous membranes, esophagus, and stomach. Abdominal pain, nausea, vomiting, general gastro-intestinal upset may result.

Emergency First Aide Procedures

Eye Contact: Flush eyes thoroughly with plenty of water. Hold lids open while flushing. Get medical attention immediately.

Skin Protection: Flush area thoroughly with fresh water. If irritation is severe, call a physician.

Inhalation: Remove affected person to fresh air. If breathing is difficult, call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician.

Section VIII: Special Protection Information

Eye Protection: Safety glasses/goggles or glasses with a face shield

Skin Protection: Rubber or plastic gloves

Respiratory Protection: Use only in well-ventilated areas

Other Protective Equipment: N/A

Section IX: Special Precautions

Storage Handling Precautions: Store in cool, dry area. Keep out of direct sunlight. Do not store near flames or other heat sources. Keep containers tightly closed. Make sure all containers are labeled properly. For industrial and commercial use only.

Other Precautions: Avoid eye and skin contact. Avoid breathing vapors. Do not swallow. Wash hands thoroughly after handling.

Section X: Supplemental Health Information

Carcinogen Content: This product does not contain greater than 0.1% of the known or potential carcinogens in NTP, IARC, or OSHA.