



### NAB Battery Acid Cleaner & Neutralizer

More product information can be found on our website at:

[www.northamericanbio.com](http://www.northamericanbio.com)

North American Bioindustries, LLC 746 N. 109 <sup>th</sup> St. Milwaukee, WI 53226	PHONE: 414-778-1940 FAX: 414-778-1492 TOLL FREE: 888-760-8649	MSDS#: PFC262 Revision: 3 Revision Date: 11/13/2012		
<b>Section I: Product Information</b>				
Trade Name: NAB BATTERY ACID CLEANER & NEUTRALIZER Chemical Name and Synonyms: Alkaline Cleaning Solution C.A.S. Registry Number: N/A – Mixture D.O.T. Proper Shipping Name: Not Regulated D.O.T. Hazard Class: N/A	Chemical Family: Alkaline Cleaners Formula: Proprietary Blend D.O.T. Label: N/A D.O.T. Identification NO.: N/A			
<b>Section II: Physical Data</b>				
Specific Gravity: 1.108 Freezing Point: N.D. Boiling Point: N.D. Vapor Pressure: N.D. Appearance & Odor: Red Liquid with Slight Citrus Odor	Finished Product Weight: 9.23 lbs/gal pH: 11.3 (nominal) Solubility in Water: Soluble Evaporation Rate: N.D. Percent Volatile (wt.%): N.D.			
<b>Section III: Ingredients</b>				
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
<b>Section IV: Fire and Explosion Data</b>				
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.			
<b>Section V: Reactivity Data</b>				
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 Aid 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.	