

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Battery Acid Neutralizer-Powder
Description: Acid Neutralizer
Product Code: NTP BAN
Suggested Use: Neutralize Battery Acid
Restrictions on Use:

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan, UT 84081

Telephone: 801-253-1000 (M-F) 8:00-5:00
Fax: 801-280-0307
Emergency Phone: 800-633-8253

2. HAZARDS IDENTIFICATION

Classification:

GHS Classification: Eye Irritation 2A

GHS Label Elements

Pictogram:



Signal Word:

Warning

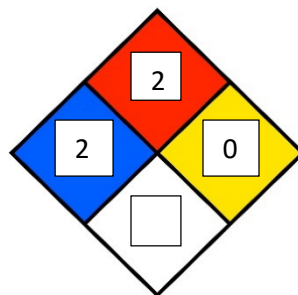
Hazard Statements:

H319, Causes serious eye irritation
May form combustible dust concentrations in air

Precautionary Statements:

P264, Wash skin thoroughly after handling
P280, Wear eye protection/Face protection

HMIS Classification:



Product: Battery Acid Neutralizer-Powder

NFPA Rating:

Health	2
Fire	2
Reactivity	0
Personal Protection	C

Potential Health Effects: Causes eye irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Sodium Carbonate	497-19-8	<90%

Synonyms:

4. FIRST AID MEASURES

If Inhaled:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.
If Ingested:	Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult physician.

5. FIREFIGHTING MEASURES

Extinguishing Media:	Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide
Hazardous Combustion Products:	Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.

Product: Battery Acid Neutralizer-Powder

Special Protective Equipment for Firefighters:

In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Always ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.

Containment and Clean Up: Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Safe Handling: Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.

Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits- Contains no substances with occupational exposure limit values

Component	CAS Number	Exposure Limit	Basis
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General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.

Product: Battery Acid Neutralizer-Powder

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Granules
Color:	White
Odor:	Odorless
Odor Threshold:	No data available
pH:	11.4@ 1%
Melting/Freezing Point:	851°C (1564°F)
Boiling Point:	N/A
Flash Point:	Does not flash
Evaporation Rate:	No data available
Flammability (Solid, Gas):	No data available
Flammability/Explosion Limits:	No data available
Vapor Pressure @ 20°C:	Negligible
Vapor Density:	No data available
Specific Gravity:	N/A
Density:	0.7-1.12
Solubility in Water:	212.5 g/l @20°C (68°)
Partition Coefficient:	No data available
Auto Ignition Temperature:	No data available
Decomposition Temperature:	400°C
Viscosity @ 40°C:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Conditions and Materials to Avoid:	Exposure to air or moisture over long periods
Hazardous Decomposition Products:	Sodium oxides
Incompatible materials	Finely divided aluminum
Possibility of hazardous reactions	Dust may form explosive mixture in the air

11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Not determined

Product: Battery Acid Neutralizer-Powder

Component	CAS Number	Test	Toxicity
Sodium Carbonate	497-19-8	Oral LD50 (rat)	2800 mg/kg
		Dermal LD50 (Rabbit)	>2000 mg/kg
		Inhalation LC50 (Rabbit)	2300 ppm/2h

Potential Health Effects

Inhalation:	N/A
Skin:	None
Eyes:	Severe eye irritation
Ingestion:	None
Signs and Symptoms of Exposure:	None
Chronic Effects of Long Term Exposure:	None
Carcinogenicity:	This information is not available

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Sodium Carbonate	497-19-8	Bluegill Sunfish	300 mg/l 96 h

Ecological Effects

Persistence and Degradability:	No data available
Bioaccumulation Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effects:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal:	Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.
Contaminated Packaging:	Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT Information Not regulated as a dangerous good

Proper Shipping Name:
UN Number:
Hazard Class:
Packing Group:
Reportable Quantity (RQ):
Marine Pollutant:
Note:

15. REGULATORY INFORMATION

US Federal

SARA 302 Components: No
SARA 311/312 Hazards: No
SARA 313 Components: No
TSCA Inventory: No

European Union

EC Inventory: No

State Regulations

Utah Clean Air: No

16. OTHER INFORMATION

SDS Version: 1.0
Revision Date: 05/05/2015
Supersedes: New to GHS

Notice to Reader:

Product: Battery Acid Neutralizer-Powder

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

NuTech Specialites, Inc.

Validated on:

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