SAFETY DATA SHEET (SDS (formerly MSDS))

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Battery Tru-Rinse			[WHMIS Classification] N/A
Product Use : Cleaning and neutralizing battery acid corrosion			
Manufacturer's Name Northeast Battery & Alternator, Inc.		Supplier's Name Northeast Battery & Alternator, Inc.	
Street Address 240 Washington Street		Street Address 240 Washington Street	
City Auburn	Province	City Auburn	Province
Postal Code 01501	Emergency Telephone 1-800-441-8824	Postal Code 01501	Emergency Telephone 1-800-441-8824
Date MSDS Prepared 1/16/2014	MSDS Prepared By Northeast Battery & Alternator, Inc.		Phone Number 1-800-441-8824

SECTION 2 — HAZARDS IDENTIFICATION

Route of Entry ❒ Skin Contact ❒ Skin Absorption ❒ Eye Contact ❒ Inhalation **X** Ingestion
[Emergency Overview]
WHMIS Symbols] N/A
Potential Health Effects:
Material is non-toxic. Small amounts swallowed during normal handling operations are not likely to cause injury as long as stomach is not overly full; Swallowing large amounts may cause systemic alkalosis.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients *(specific)*	%	CAS Number	LD_{50} of Ingredient *(specify species and route*	LC_{50} of Ingredient *(specify species)*
[Sodium Bicarbonate	50%	114-55-8		
Water and Food coloring	50%	Nahco3		

SECTION 4 — FIRST AID MEASURES

Skin Contact	Not a skin irritant
Eye Contact	Not an eye irritant
Inhalation	None known
Ingestion	Large amounts may produce systemic alkalosis and expansion in extracellular fluid volume with edema

SECTION 5 — FIRE FIGHTING MEASURES

Flammable	If yes, under which conditions?
❒ Yes X No	

Means of Extinction
Non-combustible material. Use extinguishing media appropriate for the surrounding fire.

Flashpoint (° C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Non-Combustible	Non-Combustible	Non-Combustible
Autoignition Temperature (°C)	**Explosion Data — Sensitivity to Impact**	**Explosion Data — Sensitivity to Static Discharge**
Non-Combustible	Non-Combustible	Non-Combustible

Hazardous Combustion Products
Non-Combustible

[NFPA]
N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

Wash away with water

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment

Protective gloves: general purpose for handling dry product. Impervious gloves when working with solutions

Eye protection: Safety glasses. Do not wear contacts

Protective Clothing: Full cover clothing. Apron where splashing may occur when working with solutions.

Storage Requirements

Store in cool, dry areas away from incompatible substances. Sodium Bicarbonate reacts with acids to yield carbon dioxide gas which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide and oxygen levels have been determined safe.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits
❒ ACGIH TLV ❒ OSHA PEL ❒ Other *(specify)*

Specific Engineering Controls *(such as ventilation, enclosed process:)*
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment X Gloves ❒ Respirator X Eye ❒ Footwear X Clothing ❒ Other

If yes please specify:

Gloves: impervious gloves if working with solutions, general gloves for dry product.

Eye protection: Safety glasses

Protective Clothing: Full cover clothing. Apron where splashing may occur when working with solutions.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Odorless Green Liquid	Odour Threshold (ppm) N/A
Specific Gravity Water=1	Vapour Density (air = 1) N/A	Vapour Pressure (mmHg) N/A
Evaporation Rate N/A	Boiling Point (° C) 100° C	Freezing Point (° C) 0° C
pH N/A	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] Soluble in cold water.

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability X Yes ❒ No	If no, under which conditions?
Incompatibility with Other Substances X Yes ❒ No	If yes, which ones? Acids
Reactivity, and under what conditions? Reacts With Acids to yield Carbon Dioxide. Dangerous reaction with monoammonium phosphate or a sodium-potassium alloy.	
Hazardous Decomposition Products: Carbon Dioxide	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Slight Small amounts swallowed during normal handling operations are not likely to cause injury as long as stomach is not overly full; Swallowing large amounts may cause systemic alkalosis.	
Effects of chronic exposure N/A	
Name of synergistic products/effects N/A	
Irritancy of Product	
Skin sensitization N/A	Respiratory sensitization N/A
Carcinogenicity-IARC N/A	Carcinogenicity - ACGIH N/A
Reproductive toxicity N/A	Teratogenicity N/A
Embrotoxicity N/A	Mutagenicity N/A
Ecotoxicity: N/A	Aquatic Toxicity N/A

SECTION 12 — ECOLOGICAL INFORMATION

Dispose in accordance with all local, state, and federal environmental regulations. Empty containers may be incinerated or discarded as general trash.	
Special Shipping Information Not Regulated	Technical shipping name: Sodium Bicarbonate
TDG Not Hazardous	IMO Not Hazardous
DOT Not Hazardous	ICAO Not Hazardous
Aquatic Toxicity: N/A	PIN N/A

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

SECTION 14 — TRANSPORT INFORMATION

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] N/A	[OSHA] N/A
[SERA] N/A	[TSCA N/A
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.	

SECTION 16 — OTHER INFORMATION

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