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 PHOENIX PRODUCTS CO. PRODUCT NAME: CENTRAL PH INCREASE
 55 CONTAINER DR PHOENIX PH UP
 TERRYVILLE, CT 06786 MATERIAL SAFETY DATA
 (860) 589-7502 SHEET
 7/09/04

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SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS: Sodium Carbonate (Soda Ash)
CHEMICAL FAMILY: Carbonic Acid Salt
CHEMICAL FORMULA: Na₂ CO₃
TRADE NAME: pH up and private label. (Central PH Increase)
DESCRIPTION: Fine, white granules with no odor.
CAS NO: 497-19-8

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SECTION II - PHYSICAL DATA

Boiling Point: N/A **Melting Point:** 854°C
Bulk Density: (lb./cu. ft.) 66 **Freezing Point:** N/A
Vapor Pressure: N/A **Vapor Density:** N/A
% Violates by Volume: N/A **Evaporation Rate:** N/A
Solubility in water: 17% at 20°C **pH:** (1% solution) 11.3

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SECTION III - HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	% BY WEIGHT	HAZARD DATA
Sodium Carbonate	497-19-8	100	None

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not flammable **Autoignition Temp:** N/A
Flammable Limits in Air % By Volume: N/A
Fire fighting techniques and comments: None
Extinguishing Media: Use media appropriate for surrounding fire.

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SECTION V - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE:
Inhalation of product dust may irritate nose, throat and lungs. Avoid breathing dusts.
Skin contact may cause irritation from prolonged contact. It is a primary skin irritant.
Eye contact may irritate or burn eyes.
Ingestion may be harmful. May irritate mouth, throat and esophagus, and may cause abdominal distress. Consult a physician.
EFFECTS OF OVEREXPOSURE:
 Temporary irritation of skin and respiratory tract. Possible burns to eyes. Slightly toxic by ingestion.
EFFECTS OF CHRONIC OVEREXPOSURE:
 Irritation of contacted areas.

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SECTION VI - EMERGENCY AND FIRST AID PROCEDURE

SKIN: Brush off excess product and flush with water for at least 15 minutes. Call a physician. Contaminated clothing should be removed immediately and should be laundered before reuse.
EYES: Immediately flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician at once.
INHALATION: If person experiences nausea, headache or dizziness, person should stop work and move to fresh air until these symptoms disappear. If breathing is difficult, administer oxygen, keep the person warm and at rest. Call a physician. In the event that the person loses consciousness, move to fresh air at once and a physician should be called immediately. If breathing has stopped, artificial

respiration should be given immediately. In all cases, ensure adequate ventilation and provide respiratory protection before the person returns to the area.

INGESTION: Immediately drink large quantities of water. DO NOT induce vomiting. Consult a physician at once.

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TRADE NAME: pH up and Private label

Sodium Carbonate

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SECTION VII - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Incompatibility (materials to avoid): Contact with acids will release carbon dioxide gas. Avoid simultaneous exposure to Soda Ash and Lime dusts - these two materials will form Caustic Soda which may cause burns.

Hazardous Decomposition: Carbon dioxide gas.

Hazardous Polymerization: Will not occur.

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SECTION VIII - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: Sweep up; flush residue with water.

Waste disposal method: Normal sewage or disposal method.

***Note:** There will be a tendency for pH to increase.

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SECTION IX - SPECIAL PROTECTION DATA

Respiratory Protection: Where required, use a NIOSH approved respirator.

Ventilation: Adequate; maintain levels below recommended TLV of 10 mg./cu. m.

Protective Gloves: Any type; primarily for sensitive skin.

Eye Protection: Goggles -if severe dust occurs. DO NOT wear contact lens when handling this product.

Other Equipment: Close knit cottons with tight cuffs, sleeves, and neck for sensitive skin.

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SECTION X - SPECIAL PRECAUTIONS DATA

Handling and Storage: Wash thoroughly after handling. Store in a cool dry area, away from acids.

Other: None

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SECTION XI - TRANSPORTATION INFORMATION

This product is not a hazardous material and is not regulated by the D.O.T.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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THE PHOENIX PRODUCTS CO.
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TERRYVILLE, CT 06786