

ALDEN LEEDS, INC.  
55 JACOBUS AVE.  
SO. KEARNY, NJ 07032  
(973) 589-3544

PRODUCT CODE # 2713 -2714  
PRODUCT NAME: WINTER ALKALIZER SAFETY DATA SHEET  
MATERIAL SAFETY DATA SHEET  
10/20/04

**SECTION I - IDENTIFICATION**

**CHEMICAL NAME & SYNONYMS:** Sodium Bicarbonate Compound  
**CHEMICAL FORMULA:** NaHCO<sub>3</sub>  
**TRADE NAME:** Winter Alkalizer & Private Label  
**DESCRIPTION:** Inorganic Salt. White crystalline powder with no odor.  
**CAS NO:** 144-55-8

**SECTION II - PHYSICAL DATA**

**Boiling Point:** Decomposes  
**Specific Gravity (H<sub>2</sub>O=1):** 2.16 @ 20 C  
**Vapor Pressure:** N/A  
**% Solubility in water:** 8.8 @ 20 C  
**Melting Point:** Loses CO<sub>2</sub> at 270 C  
**Evaporation Rate:** N/A  
**Vapor Density:** N/A  
**Bulk Density (lb./cu. ft):** 53

**SECTION III - HAZARDOUS INGREDIENTS**

MATERIAL	CAS NO.	HAZARD DATA
Sodium Bicarbonate	144-55-8	Mild irritant to eye and skin.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N/A  
**Flammable Limits in Air % By Volume:** N/A  
**Extinguishing Media:** N/A  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None  
**Autoignition Temp:** N/A

**SECTION V - HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:**  
**Inhalation:** Breathing or respiratory disorders will be aggravated by exposure to chemical.  
**Skin:** Irritation and redness.  
**Eye:** Irritation or redness.  
**Ingestion:** Irritation.

**SECTION VI - EMERGENCY AND FIRST AID PROCEDURE**

**INHALATION:** Remove to fresh air.  
**SKIN:** Flush skin with water and then wash thoroughly.  
**EYE:** Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.  
**INGESTION:** If swallowed, induce vomiting immediately by giving two glasses of water and touching finger to back of throat. Never give anything by mouth to an unconscious person. Consult a physician.

**SECTION VII - TOXICOLOGY**

**Oral - (infant)LDLo:** 1260 mg/kg  
**Oral - (rat) LD<sub>50</sub>:** 4220 mg/kg  
**Skin Irritant (rabbit):** 30 mg/3 days - mild

**CHEMICAL NAME:** Sodium Bicarbonate Compound

**TRADE NAME:** Winter Alkalizer

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**SECTION VIII - REACTIVITY DATA**

**Stability:** Stable in dry air. In moist air forms sodium carbonate, an irritant.

**Conditions to Avoid:** Exposure to incompatible materials and heat.

**Incompatibility (materials to avoid):** Acids, monoammonium phosphate, aluminum and phosphorus pentoxide.

**Hazardous Decomposition:** Decomposes when exposed to high heat, releasing carbon dioxide (CO<sub>2</sub>). Carbon dioxide is an asphyxiant and may affect respiration rate or interfere with breathing.

**Hazardous Polymerization:** Will not occur.

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**SECTION IX - SPILL, LEAKAGE & DISPOSAL PROCEDURES**

**Steps to take if material leaks or spills:** Shovel or sweep up and place in container for disposal. Water Spill: Disperse with water jets, propellers or similar devices.

**Waste disposal method:** Dispose of as an industrial waste or wash to an industrial sewer as permitted by all Federal, State and Local regulations.

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**SECTION X - SPECIAL PROTECTION DATA**

**Ventilation:** Use general dilution and local exhaust techniques to meet nuisance dust exposure limit.

**Respiratory Protection:** Use an NIOSH approved dust respirator.

**Protective Gloves:** Rubber, neoprene or similar materials that will not allow alkaline solutions to penetrate.

**Eye Protection:** Safety glasses or safety goggles.

**Other Equipment:** Easily washable clothing. Wash clothing before reuse.

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**SECTION XI - SPECIAL PRECAUTIONS DATA**

**Handling and Storage:** Avoid contact with eyes, skin and clothing. Avoid breathing dust. Store in cool, dry area away from acids.

**Other:** Wash thoroughly after handling material.

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**SECTION XII - TRANSPORTATION INFORMATION**

This product is not a hazardous material and is not regulated by the D.O.T. For all transportation accidents, call **CHEMTREC** at 800-424-9300.

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

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24 HOUR EMERGENCY PHONE: CHEMTREC 800-424-9300