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| ALDEN LEEDS, INC. | PRODUCT CODE # 1800-1825 | MATERIAL |
| 55 JACOBUS AVE. | PRODUCT NAME: pH DECREASER, | SAFETY DATA |
| SO. KEARNY, NJ 07032 | ACID POWDER | SHEET |
| (973) 589-3544 | | 10/20/04 |

SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS: Sodium Bisulfate, Anhydrous Globular, Technical
CHEMICAL FAMILY: Dry Acid
CHEMICAL FORMULA: NaHSO₄
TRADE NAME: NuClo pH Decreaser, Acid Powder, Ortex pH Reducer, and Private Label
DESCRIPTION: Off-white, beadlike, granular dry material
CAS NO: 7681-38-1
HMIS HAZARD RATING: Health Hazard: 1 Fire Hazard: 0 Reactivity: 1

SECTION II - PHYSICAL DATA

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| Boiling Point: N/A | Melting Point: 350 F |
| Bulk Density: (lb./cu. ft.) 83 | Vapor Pressure: N/A |
| % Volatile by Volume: Non-Volatile | Vapor Density: N/A |
| Solubility in water: 100% | Evaporation Rate: N/A |

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A **Autoignition Temp:** N/A
Flammable Limits in Air % By Volume: N/A
Extinguishing Media: Water or dry chemical as appropriate for combustibles in area. Avoid water contact to material if possible.
Special Fire Fighting Procedures: If water is used to extinguish combustibles and product is dissolved in water forming sulfuric acid wear acid protective equipment. If elevated temperatures >570 F are reached, self contained breathing apparatus should be worn.
Unusual Fire and Explosion Hazards: Product readily dissolves in water to form a weak sulfuric acid solution. No gases or toxic fumes are emitted from this reaction, but precautions for exposure to sulfuric acid should be followed.

SECTION IV - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
Inhalation: Irritant. May irritate or burn nose, throat and lungs.
Skin: Moderate irritant. Contact may cause burns if not flushed with water.
Eye: Mild to severe irritant. Contact may cause burns if not flushed with water.
Ingestion: Irritant. May burn mouth, esophagus or stomach.
OSHA HAZARD COMMUNICATIONS HEALTH HAZARD CLASSIFICATION: IRRITANT
SECTION 312 OF SARA TITLE III HAZARD CATEGORY: IMMEDIATE

SECTION V - EMERGENCY AND FIRST AID PROCEDURE

INHALATION: If person experiences nausea, headache or dizziness, person should move to fresh air until these symptoms disappear. If irritation or discomfort persists seek medical attention. **Note to physician:** Mild burning sensation may occur to mucous membranes and upper respiratory tract.
SKIN: Immediately flush with water for 15 minutes. If burns occur, consult a physician. **Note to physician:** Mild burns may occur if not thoroughly flushed previously.
EYES: Immediately flush with water for 15 minutes occasionally lifting eyelids. Get prompt medical attention. **Note to physician:** Natural watering of eyes will dissolve sodium bisulfate, forming a weak sulfuric acid solution which may cause burns. Flush affected area thoroughly with water. Do not use chemical antidotes or neutralizing solutions.
INGESTION: Immediately drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs, or vegetable oil. DO NOT induce vomiting. Consult a physician immediately **Note to physician:** Body water content will react with sodium bisulfate to form a weak sulfuric acid solution, which may burn tissues in mouth, esophagus or stomach. Solution should be diluted to reduce burning effect.

CHEMICAL NAME:

Sodium Bisulfate

TRADE NAME: NuClo pH Decreaser, Acid

Powder, Ortex pH Reducer, and Private Label

SECTION VI - REACTIVITY DATA**Stability:** Stable**Conditions to Avoid:** Avoid moisture in storage areas. Keep dry.**Incompatibility (materials to avoid):** Avoid contact with strong alkaline (caustic) materials. Reacts with water to form weak sulfuric acid solution. DO NOT mix with liquid chlorine bleach, ammonia cleansers or similar products.**Hazardous Decomposition:** None, unless heated over 570 F, at which sulfur dioxide and sulfur trioxide are formed.**Hazardous Polymerization:** Will not occur.

SECTION VII - SPILL, LEAKAGE & DISPOSAL PROCEDURES**Steps to take if material leaks or spills:** Sweep up as much as possible with shovel. Neutralize balance of spill with alkaline solution and wash down to sewer if Federal, State and Local regulations permits.**Waste disposal method:** Comply with all Federal, State and Local regulations.

SECTION VIII - SPECIAL PROTECTION DATA**Respiratory Protection:** While handling product use a NIOSH approved respirator.**Ventilation:** Local ventilation to a dust collector is recommended.**Protective Gloves:** Wear acid resistant gloves such as rubber, plastic or neoprene.**Eye Protection:** Goggles or full face shield -if severe dusting occurs. DO NOT wear contact lens when handling this product.**Other Equipment:** Clothes should completely cover skin to avoid skin contact. Coats, coveralls or aprons are recommended.

SECTION IX - SPECIAL PRECAUTIONS DATA**Handling and Storage:** Avoid extreme heat. Store in a cool dry area, away from alkalizes. Keep containers closed tightly. Wear all recommended protective equipment when handling this product.**Other:** Personnel handling this product should be aware of the nearest eye wash and shower stations are located.

SECTION X - TRANSPORTATION INFORMATIONThis 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.

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

ALDEN LEEDS, INC.

55 JACOBUS AVE. SO. KEARNY, NJ 07032

24 HOUR EMERGENCY PHONE: CHEMTREC 800-424-9300