MATERIAL SAFETY DATA SHEET

DATE PREPARED: REVISED October 3, 2007 / Page 1

IDENITY (AS USED ON LABEL AND LIST): SP-37Z ALUMA BRIGHT PLUS

SECTION

MANUFACTURED FOR: SEATTLE PUMP AND EQUIPMENT CO.

ADDRESS: 2222 - 15th AVENUE WEST, SEATTLE WA 98119

EMERGENCY TELEPHONE NUMBERS: Emergency: 800-863-7867 Information: 206-283-5252

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

OTHER LIMITS HAZARDOUS COMPONENTS CHEMICAL NAME: CAS# WISHA PEL ACGIH TLV mag 8 NONE HYDROFLUORIC ACID 7664-39-3 3 ppm NONE 7664-93-9 1 ppm 1 ppm SULFURIC ACID NONE 7664-38-2 1 ppm 1 ppm PHOSPHORIC ACID

Comments: USDOT Shipping Information: CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (Contains Hydrofluoric, Sulfuric and Phosphoric Acids), 8 UN3264, PG III

NO OTHER INGREDIENTS CONSIDERED HAZARDOUS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212F SOLUBILITY IN WATER: Complete

VAPOR PRESSURE (MM HG): N/A MELTING POINT: N/A

VAPOR DENSITY (AIR=1): >1 SPECIFIC GRAVITY (WATER=1): 1.1

pH CONCENTRATE: N/A BUTYL (ACETATE=1): N/A

EVAPORATION RATE (BUTYL ACETATE=1): N/A

APPEARANCE AND ODOR: Clear to White / Sour, Acidic

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT METHOD USED: N/A FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTENGUISHING MEDIA: Foam, CO2, Halon -- DO NOT USE WATER

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing & NIOSH approved breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid getting water in containers; water can generate heat and splattering; corrosive fumes are heavier than air.

SECTION V-REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: May Occur: Will Not Occur: X

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid strong alkalis, sulfides, and soft metals. Will etch glass.

CONDITIONS TO AVOID INSTABILITY: N/A

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Reaction with organic materials and soft metals may release explosive hydrogen gas.

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SECTION VI-HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION: YES SKIN: YES INGESTION: YES EYES: YES

HEALTH HAZARD (ACUTE AND CHRONIC): INHALATION: TOXIC; Inhalation of vapors, dusts or substance may cause severe injury, burns or death. Inhalation produces damaging effects to mucous membranes and upper respiratory tract. May cause lung edema. Seek immediate medical attention. SKIN: Corrosive. Remove from contamination. Wash affected area with water. Symptoms of redness, pain, and severe burn can occur. Seek immediate medical attention. INGESTION: Corrosive if swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Seek immediate medical attention. EYES: Corrosive, Contact can cause blurred vision, redness, severe tissue damage and blindness. Irrigate eyes with water for at least 15 minutes. Seek immediate medical attention.

CARCINOGENICITY: N/A NTP: N/A IARC MONOGRAPHS: N/A OSHA/WISHA Regulated: N/A

SIGNS AND SYMPTOMS OF EXPOSURE: Corrosive, Redness, Severe Pain, Severe Burns, Loss of Breath, Unconsciousness, Death.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Asthma or respiratory aliments need extra respiratory protection.

EMERGENCY AND FIRST AID PROCEDURE: INGESTION and/or INHALATION: Move victim to fresh air. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult. SKIN: Remove and isolate contaminate clothing and shoes. In case of contact with substance, immediately flush skin or with running water for at least 20 minutes. Seek immediate medical attention. EYES: Flush with water for at least 20 minutes, while holding the upper and lower eyelids open. Seek immediate medical attention.

SECTION VII - PREGAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Provide adequate ventilation, remove all ignition sources. Wear appropriate protective clothing. DO NOT FLUSH TO SEVERS OR WATERWAYS. Apply Magnesium Sulfate (dry) to the spill area. Follow with an inert absorbent and add soda ash or magnesium oxide and slaked lime. Collect in appropriate containers and save for disposal.

WASTE DISPOSAL METHOD: In accordance with all Federal, State, and Local health environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep tightly closed in polyethylene containers. Store in a cool dry place with adequate ventilation, separated from other chemicals. Store away from all alkali materials and soft metals. DO NOT REUSE EMPTY CONTAINERS.

OTHER PRECAUTIONS: KEEP THIS AND ALL CHEMICALS AWAY FROM CHILDREN

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH approved full face protector with acid gas cartridge.

VENTILATION: Local and/or general exhaust is recommended. LOCAL EXHAUST: YES

MECHANICAL: Yes, preferred.

SPECIAL: N/A

PROTECTIVE GLOVES: Wear protective clothing including boots made of polyvinyl chloride (PVC) or neoprene. All clothing needs to be long sleeve and/or have gauntlets of PVC or neoprene.

EYE PROTECTION: Use chemical goggles or full face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious protective clothing is recommended. Safety shower and eyewash should be available.

WORK / HYGIENIC PRACTICES: Wash thoroughly after handling. Do not get into eyes, on skin, on clothing. Do not take internally.