Soft Jamb Co.

6298 Mt. Pinos Ct., Alta Loma, CA 91701 (909) 980-2044

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: PH Low

Product Code: SJPLOW

Product Use: pH adjustment

Issue Date: 11/17/11

Supersedes Date: NA

Manufacturer's Soft Jamb Co.
Name/Address: 6298 Mt. Pinos Ct.
Alta Loma, CA 91701

24-Hour Emergency Phone Numbers [U.S.A.]:
Ohio: (419) 666-9838
CHEMTREC: (800) 424-9300

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear to cloudy liquid.

WARNING: Causes skin and eye irritation upon contact. Presents little to no hazard if spilled and no unusual hazard if involved in a fire. However, keep out of natural waterways.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Eye contact, skin contact, ingestion.

Eye: Causes mild to severe irritation, possible chemical burning if not flushed with water immediately.

Skin: Causes mild to severe irritation, possible chemical burning if not flushed with water.

Inhalation: Inhalation of acid aerosols may irritate or burn nose, throat and lungs.

Ingestion: May irritate or burn digestive tract.

Medical Conditions Aggravated by Exposure: Preexisting respiratory conditions.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.
This material meets the definition of corrosive as defined in OSHA's Hazard Communication Standard (29 CFR 1910.1200). **Potential Environmental Effects:** Material in a moderate acidic solution. Therefore, keep out of sewers and natural waterways.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	% (by weight)
Sodium acid sulfate	7681-38-1	<50
Water	7732-18-5	Balance

SECTION 4 FIRST AID MEASURES

NOTE TO PHYSICIAN: Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. May aggravate pre-existing respiratory conditions.

Eyes: Immediately flush eyes with water for at least 15 minutes, lifting eyelids to thoroughly flush. If redness or irritation persists, get prompt medical attention.

Skin: Immediately flush affected area with water for at least 15 minutes. If burn occurs, seek immediate medical attention.

Inhalation: Remove to fresh air. If irritation or discomfort persists, seek medical attention.

Ingestion: If large amounts are ingested (greater than tablespoonful), drink large quantities of milk or water. Follow with Milk of Magnesia, beaten eggs or vegetable oil. DO NOT induce vomiting. **Contact Physician immediately.**

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Hazardous Combustion Products: At temperatures over 806° F (430° C), product will decompose generating oxides of sulfur.

Fire Fighting Instructions: If possible, wear acid protective equipment. No gases or toxic fumes are emitted from this reaction. However, if elevated temperatures (> 806°F) are reached, self-contained breathing apparatus should be worn.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Land Spill: Recover material if possible. If material is isolated or can be contained, absorb with inert material or neutralize with a weak alkaline solution. Direct neutralized liquid to sanitary sewer if Federal, State or Local regulations permit.

Water Spill: If water is isolated or can be contained, neutralize with weak alkaline solution.

Notify appropriate authorities if required by regulations.

SECTION 7 HANDLING AND STORAGE

Handling: Wear all recommended personal protective clothing when handling. Open containers cautiously to allow venting of any internal pressure. Avoid contact with eyes and skin. Wash thoroughly after handling. Avoid breathing acid aerosols.

Storage: Keep containers tightly closed. DO NOT store near strong alkalis. Keep material from freezing. Store above 40° F.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Sodium acid sulfate — Not established.

Engineering Controls: Provide general and/or local exhaust ventilation.

Eye/Face Protection: Safety glasses or goggles.

Skin Protection: Rubber gloves and impervious apron or coveralls.

Respiratory Protection: When engineering controls are not sufficient to remove airborne aerosols (including fumes), use NIOSH-approved respirator.

General Hygiene Considerations: Follow good industrial hygiene practices including but not limited to: (1) avoid breathing aerosols; (2) wear appropriate personal protection; and (3) wash thoroughly after handling.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to cloudy **Odor:** Fresh to Pungent

Physical State: Liquid **pH:** <1 SU Solubility (in water): **100%**

Specific gravity: 1.43 © 70 °F (22 °C); 1.43 © 80 °F (27 °C); 1.42 @ 100 °F (38 °C)

Flammability (solid): Material is non-combustible

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable.**Conditions to Avoid:** Keep away from open flames. Avoid freezing.**Incompatible Materials:** Avoid contact with strong alkaline material such as caustic. **DO NOT MIX** with liquid chlorine bleach, ammonia cleansers or similar products.

Hazardous Decomposition Products: Only if heated over 806° F (430° C), at which sulfur dioxide and sulfur trioxide are formed.**Possibility of Hazardous Reactions:** Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Reported Human Effects: No human data are available for this product.

Reported Animal Effects: No data available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: This product will likely be acutely harmful to aquatic life.

Chemical Fate Information: Studies show that there are no adverse effects of applying the main ingredient in this product (Sodium acid sulfate) directly to crops. In fact, there are existing products on the market that use Sodium acid sulfate as a soil additive to improve crop production. However, do not apply excessive quantities to soil.

SECTION 13 DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (corrosivity) as defined under the Resource Conservation and Recovery Act (RCRA), 40 CFR Part 261. Dispose of in accordance with local, State and Federal laws and regulations.

SECTION 14 TRANSPORT INFORMATION

Shipment in the U. S. A. (DOT) and by water (IMO):

Proper shipping name: Bisulfate, aqueous solution Hazard Class: 8 (Corrosive)

Identification Number: UN2837 Packing Group: II

Shipment in Canada (TDG):

Hazard Class: 8 (9.2) UN Number: 2837 Packing Group: II

Shipment by air (ICAO & IATA): Cargo aircraft quantity limitations — 30 L

SECTION 15 REGULATORY INFORMATION

TSCA: All chemical substances in this product are listed in U.S. TSCA Section 8(b) Inventory.

CERCLA (RQ): This product contains no Hazardous Substances listed in 40 CFR Part 302.

SARA Title III: Section 311/312 Hazard Class — Acute.Thisproduct contains none of the substances subject to the reporting requirements of Section 313 (40 CFR Part 372).**California Proposition 65:** This product does not contain any ingredient known to the State of California to cause cancer or reproductive toxicity as listed under the Safe Drinking Water and Toxic Enforcement Act of 1986.

Canada — WHMIS: Controlled Product Hazard Class E. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Canada — CEPA: All components of this product are on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA.

Inventories: Not known.

SECTION 16 OTHER INFORMATION

HMIS® Rating: Health — 2; Flammability — 0; Physical Hazard — 0

NFPA 704 Rating: Health — 2; Fire — 0; Reactivity — 0

(0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard)

This document was prepared following ANSI's recommendations for Material Safety Data Sheet Preparation (ANSI Z400.1-2004).

MSDS prepared by: Steve Morrison, Soft Jamb Co.