

SECTION 1: IDENTIFICATION**Product Trade Name:** pHMax**Date:** 10-14-2015**MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:**

COMPANY NAME: PondMAX USA
COMPANY ADDRESS: 1983 Davis Street,
San Leandro, California 94577
COMPANY TELEPHONE: Office hours (Mon - Fri)
9:00 am to 5:00 pm
(510) 481-3000
COMPANY CONTACT NAME: Main Office
EMERGENCY PHONE NUMBER: Poison Control 800-222-1222

SECTION 2: HAZARD(S) IDENTIFICATION**CLASSIFICATION:**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

SERIOUS EYE DAMAGE/EYE IRRITATION: Category 1**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS****HAZARD PICTOGRAMS:****SIGNAL WORD:** Danger**HAZARD STATEMENTS:** H318 - Causes serious eye damage.**PRECAUTIONARY STATEMENTS:**

- **PREVENTION:** P280 - Wear eye or face protection.
P264 - Wash hands thoroughly after handling.
- **RESPONSE:** P305 + P351 + P338 + P310
- EYES:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- **STORAGE:** Not applicable
- **DISPOSAL:** Not applicable

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None known.**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

SUBSTANCE/MIXTURE: Substance
OTHER MEANS OF IDENTIFICATION: Nitre cake, GBS, Sodium hydrogensulphate

CAS NUMBER: Not applicable
PRODUCT CODE: SBSCUN01

UNITED STATES - MEXICO

INGREDIENT NAME	CAS #	% BY WEIGHT	TRADE SECRET
Sodium bisulfate	7681-38-1	> 90	

*Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.
Occupational exposure limits, if available, are listed in Section 8.*

SECTION 4: FIRST AID MEASURES

INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.
INHALATION:	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If irritation or discomfort persists, seek medical attention.
SKIN CONTACT:	In case of contact, immediately flush skin with plenty of water for at least 20 minutes. If skin irritation occurs, seek medical attention.
EYE CONTACT:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If redness or irritation persists, get prompt medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**POTENTIAL ACUTE HEALTH EFFECTS**

INGESTION:	Small amounts (tablespoonful) swallowed are not likely to cause injury; however, swallowing large amounts may irritate or burn digestive tract.
INHALATION:	Inhalation of dust may irritate nose, throat and/or lungs.
SKIN CONTACT:	Prolonged exposure may cause skin irritation.
EYE CONTACT:	Causes serious eye damage.

OVER-EXPOSURE SIGNS/SYMPTOMS

INGESTION:	Adverse symptoms may include the following: stomach pains
INHALATION:	No known significant effects or critical hazards.
SKIN CONTACT:	Adverse symptoms may include the following: pain or irritation, redness blistering may occur if repeated exposure
EYE CONTACT:	Adverse symptoms may include the following: pain, watering, redness

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

NOTES TO PHYSICIAN:	Treat symptomatically.
SPECIFIC TREATMENTS:	No specific treatment.
PROTECTION OF FIRST-AIDERS:	No action shall be taken involving any personal risk or without suitable training.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA:	None known.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:	No specific fire or explosion hazard.
HAZARDOUS COMBUSTION PRODUCTS:	Decomposition products may include the following materials: Sulfur oxides
SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS:	No special measures are required.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

FOR NON-EMERGENCY PERSONNEL :	Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
FOR EMERGENCY RESPONDERS:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non emergency personnel".
ENVIRONMENTAL PRECAUTIONS:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

- SMALL SPILL :** Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- LARGE SPILL:** Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

- PROTECTIVE MEASURES:** Put on appropriate personal protective equipment (see Section 8). Avoid breathing dusts. Wash thoroughly after handling.
- ADVICE ON GENERAL OCCUPATIONAL HYGIENE:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

- STORAGE:** Material is hygroscopic and will readily absorb moisture. DO NOT store dry product where exposed to moist conditions. Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

- OCCUPATIONAL EXPOSURE LIMITS:** None.
- MEXICO:** None.
- ENGINEERING CONTROLS:** If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- ENVIRONMENTAL EXPOSURE CONTROLS:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

- HYGIENE MEASURES:** Ensure that eyewash stations and safety showers are close to the workstation location. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
- EYE/FACE PROTECTION:** Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields.
- SKIN AND BODY PROTECTION**
 - HAND PROTECTION:** Use gloves appropriate for work or task being performed. Recommended: Rubber gloves.
 - BODY PROTECTION:** Cotton-blend coveralls.
 - OTHER SKIN PROTECTION:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
 - RESPIRATORY PROTECTION:** In dusty atmospheres (>1 O mg/m3), use a NIOSH-approved dust respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE:** Dry (Anhydrous) crystalline solid spherical shape beads.
- COLOR:** Off-white.
- ODOR:** Fresh to pungent.
- ODOR THRESHOLD:** Not available.
- PH:** <1 [Cone. (% w/w): 5%]
- MELTING/FREEZING POINT:** 177°C (350.6° F)
- BOILING POINT/ BOILING RANGE:** No data available
- FLASH POINT:** No data available
- EVAPORATION RATE:** No data available

FLAMMABILITY (SOLID, GAS):	No data available
UPPER/LOWER FLAMMABILITY LIMITS:	No data available
VAPOR PRESSURE:	No data available
VAPOR DENSITY:	No data available
RELATIVE DENSITY :	1.28
WATER SOLUBILITY:	Partially soluble in the following materials: cold water and hot water.
PARTITION COEFFICIENT N-OCTANOL/WATER:	No data available
AUTOIGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY,:	No data available
VOLATILITY:	No data available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No specific test data related to reactivity available for this product or its ingredients.
CHEMICAL STABILITY:	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Under normal conditions of storage and use, hazardous reactions will not occur.
CONDITIONS TO AVOID:	DO NOT store dry product where exposed to moist conditions.
INCOMPATIBLE MATERIALS:	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. DO NOT MIX dry or concentrated solutions of this product with concentrated solutions of chlorine bleach, ammonia cleansers or similar products.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Sodium bisulfate	LD50 Oral	Rat	2800 mg/kg	-

IRRITATION/CORROSION:	There is no data available.
SENSITIZATION:	There is no data available.
CARCINOGENICITY:	There is no data available.
STOT – SINGLE EXPOSURE:	There is no data available.
STOT – REPEATED EXPOSURE:	There is no data available.
ASPIRATION HAZARD:	There is no data available.

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE: Dermal contact. Eye contact. Inhalation. Ingestion.

>> SEE SECTION 4 FOR POTENTIAL ACUTE HEALTH EFFECTS & OVER-EXPOSURE SIGNS/SYMPTOMS

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE

EFFECTS	SHORT TERM EXPOSURE	LONG TERM EXPOSURE
Potential immediate effects:	No known significant effects or critical hazards.	No known significant effects or critical hazards.
Potential delayed effects:	No known significant effects or critical hazards.	No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL:	No known significant effects or critical hazards.
CARCINOGENICITY :	No known significant effects or critical hazards.
MUTAGENICITY:	No known significant effects or critical hazards.
TERATOGENICITY :	No known significant effects or critical hazards.
DEVELOPMENTAL EFFECTS:	No known significant effects or critical hazards.
FERTILITY EFFECTS:	No known significant effects or critical hazards.

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY ESTIMATES

ROUTE	ATE VALUE
Oral	3080 3 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

ECO-TOXICITY:	There is no data available.
PERSISTENCE AND DEGRADABILITY:	There is no data available.
BIOACCUMULATION:	There is no data available.
MOBILITY IN SOIL:	There is no data available.
OTHER ADVERSE EFFECTS:	This product readily dissolves in water to form a weak acid solution. A 0.05 percent or greater (by weight) solution of this product will likely be acutely harmful to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

SECTION 14: TRANSPORT INFORMATION

	DOT/MEX CLASSIFICATION	IMDG	IATA
UN Number	Not Regulated.	Not Regulated.	Not Regulated.
UN Proper Shipping Name	-	-	-
Transport Hazard Class(es)	-	-	-
Packing Group	-	-	-
Environmental Hazards	No.	No.	No.
Additional Information	-	-	-

AERG: Not Applicable

SPECIAL PRECAUTIONS FOR USER

TRANSPORT WITHIN USER'S PREMISES:	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:	Not available.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA S(A) CDR EXEMPT/PARTIAL EXEMPTION:	Not determined
UNITED STATES INVENTORY (TSCA SB):	All components are listed or exempted.

CLEAN AIR ACT SECTION 112 (B) HAZARDOUS AIR POLLUTANTS (HAPS):	Not listed
CLEAN AIR ACT SECTION 602 CLASS I SUBSTANCES:	Not listed
CLEAN AIR ACT SECTION 602 CLASS II SUBSTANCES:	Not listed
DEA LIST I CHEMICALS (PRECURSOR CHEMICALS):	Not listed
DEA LIST II CHEMICALS (ESSENTIAL CHEMICALS):	Not listed

SARA 302/304 COMPOSITION/INFORMATION ON INGREDIENTS:	No products were found.
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SARA 311/312 CLASSIFICATION:	Immediate (acute) health hazard.
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COMPOSITION/INFORMATION ON INGREDIENTS

NAME	%	FIRE HAZARD	SUDDEN RELEASE OF PRESSURE	REACTIVE	IMMEDIATE (ACUTE) HEALTH HAZARD	DELAYED (CHRONIC) HEALTH HAZARD
Sodium bisulfate	>90	No.	No.	No.	Yes.	No.

US STATE REGULATIONS

CHEMICAL NAME	MASSACHUSETTS	NEW JERSEY	PENNSYLVANIA	NEW YORK
Sodium bisulfate	-	-	-	-

CALIFORNIA PROP. 65: No products were found.

MEXICO CLASSIFICATION:



SECTION 16: OTHER INFORMATION

The above information is given in good faith, and is based upon research of others, and is believed to be accurate by PondMAX USA. No known relevant information has been omitted. The above information is designed to enable the User to use the product safely, and is provided solely for the User's assistance in complying with the Occupational Safety and Health Act of 1970, and the regulations there under. Any other use is prohibited. PondMAX USA assumes no responsibility or liability for any loss, injury, or damage, which may occur from the use or misuse of their products. Also, because actual use by others is beyond our control, no guarantee or warranty, is either expressed or implied, by PondMAX USA, as to the product or its use or misuse. Where the Customer has concerns, it is recommended that the Customer(s) perform their own tests.