



Safety Data Sheet

No. AP-111

*** Section 1 – Product and Company Identification ***

Product Name : **HydroMend**
Product Use : **Water Conditioner**
Synonyms : **None**
Manufacturer/Supplier : **Atlantic-Pacific Agricultural Company, Inc.**
Address : **525 Clubhouse Drive**
Peachtree City, GA 30269
Company Web Site : www.atlantic-pacificag.com
Corporate Telephone Number : **770-629-5514**
Emergency Telephone Number : **336-260-3121**

*** Section 2 - Hazards Identification ***

Classification of the substance or mixture: This product is classified and labeled according to Global Harmonized System (GHS)



Signal word :

WARNING

Hazard Statements:

- May be harmful if swallowed
- May be harmful if inhaled
- Causes mild skin irritation

Physical Hazards

- None

Precautionary Statements:

- If skin irritation occurs: Get medical advice/attention
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- IF INHALED: Call a POISON CENTER or doctor if you feel unwell

National Fire Protection Classification Association (NFPA)

Rating : Health 1 Fire 0 Reactivity 0

NFPA Rating Level : 0-Minimum; 1-Slight; 2- Moderate; 3-High 3 High; 4-Extreme





Safety Data Sheet

No. AP-111

Other Hazards : No additional Information
Unknown Acute Toxicity : No data available

Hazard(s) not otherwise classified (HNOC): None Known.

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
Trade Secret	Proprietary blend of Ingredients	100

*** Section 4 - First Aid Measures ***

Description of First Aid Measures

- First-aid measures general** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation** : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
- First-aid measures after skin contact** : Wash with plenty of soap and water. Remove and wash contaminated clothing before reuse. label).
- First-aid measures after eye contact** : IF IN EYES: Rinse cautiously with water for 15, lifting lower and upper eyelids. Contact a physician
- First-aid measures after ingestion** : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.



Safety Data Sheet

No. AP-111

Most important systems and effect, both acute and delayed

Symptoms : No information available

Indications of any immediate medical attention and special treatment needed

Note to physician : Treat symptomatically

*** Section 5 - Fire Fighting Measures ***

Suitable Extinguishing media : Use fire extinguishing media appropriate for surrounding materials.
Water, spray, foam, dry powder or carbon dioxide.

Large Fire : Caution: Use of water spray fighting fire may be inefficient.

Unsuitable extinguishing media : Do not scatter spillage material with high pressure water stream.

Specific Hazards Arising from the chemical : No information available.

Explosion Data

Sensitive to mechanical impact : None

Sensitive to static discharge : None

Firefighting Instructions

Advice for firefighters : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

*** Section 6 - Accidental Release Measures ***

Personal Precautions : Avoid inhalation of vapors, especially if there is a fire.

Containment Procedures : Contain spill. Do not allow material to run into sewers and drains.

Clean-Up Procedures : Absorb spill with inert material. Shovel material into appropriate labeled, container for disposal. Flush small residuals to the drain for normal biological treatment.

Evacuation Procedures : None required.

Special hazards arising from the substance or mixture : This material is non-combustible. If heated, corrosive and toxic vapors. vapors/gases may be formed, which include ammonia, phosphorous oxides.



Safety Data Sheet

No. AP-111

*** Section 7 - Handling and Storage ***

- Handling Procedures** : Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Ensure there is access to eyewash and showers in the manufacturing area close to the workstation location.
- Storage Procedures** : Keep containers tightly closed. Store in a cool, well ventilated area. Do not freeze. Keep away from heat and direct sunlight.

*** Section 8 - Exposure Controls / Personal Protection ***

Control Parameters

Exposure Limits:

The following ingredients are the only ingredients of the product above the cut-off level (of level that contribute to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommendation limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Appropriate engineering control

Engineering Controls: Showers, eyewash stations, Ventilation systems.

Individual protection measures, such as personal protection equipment:

Eye/face protection: No special protection equipment required.

Skin Protection: No special protective equipment required.

Respiration protection: No protection equipment is needed under normal conditions. If exposure limits are exceeded or irritation is experienced ventilation and evacuation may be required.

General hygiene consideration :

Handle in accordance with good industrial hygiene practices.

*** Section 9 – Physical and Chemical Properties ***

- Form** : Liquid
- Odor/Appearance** : Clear, Colorless to light yellow
- Flash Point** : No information available.
- Boiling Point, °F** : No information available
- Melting point (freezing point)** : No information available
- Vapor Pressure, mm Hg** : No information available
- Vapor Density** : No information available
- Specific Gravity** : 1.4389
- Solubility in water** : Miscible in water
- Density** : No information available



Safety Data Sheet

No. AP-111

Evaporation Rate (butyl acetate=1) : No information available
Octanol/Water Partition Coefficient : Not applicable
pH : 4.5-5.2
Flammability Limits in Air : No information available
Upper Flammability Limits : Lower Flammability Limit
Auto-Ignition Temperature : Not applicable.
Decomposition temperature : No information available
VOC's : Not Applicable.
Viscosity : Not determined
Oxidizing Properties : No information available
Explosive Properties : No information available

Other information

Softening Point : No information available
Molecular Weight : No information available
Liquid Density : No information available
Bulk Density : No information available

*** Section 10 - Chemical Stability & Reactivity Information ***

Reactivity : No information available
Chemical Stability : Stable under normal conditions
Possibility of hazardous reactions : None under normal processing..
Conditions to Avoid : None known based on information supplied.
Incompatible Materials : None known based on information supplied.
Hazardous decomposition products : Phosphorus oxides.

*** Section 11 - Toxicological Information ***

Information on likely routes of exposure

Product information :

Inhalation : Specific test data for the substance or mixture is not available
Eye Contact : Specific test data for the substance or mixture is not available
Skin Contact : Specific test data for the substance or mixture is not available
Ingestion : Specific test data for the substance or mixture is not available

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms : No information available

Numerical measures of toxicity : No information available.

Acute Toxicity

Unknown Acute toxicity 50 % of the mixture consists of ingredient (s) of unknown toxicity
 50 % of the mixtures consist of ingredient(s) of unknown acute oral toxicity
 50 % of the mixtures consist of ingredient(s) of unknown acute dermal toxicity
 50 % of the mixtures consist of ingredient(s) of unknown acute inhalation toxicity (gas)
 50 % of the mixtures consist of ingredient(s) of unknown acute inhalation toxicity (vapor)
 50 % of the mixtures consist of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD ₅₀ :	Dermal LD ₅₀ :	LC ₅₀ (Lethal Concentration):
Water 7732-18-5	> 90 mL/kg (Rat)	-	-



Safety Data Sheet

No. AP-111

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation : No information available.
Serious eye damage/eye irritation : No information available.
Respiratory or skin sensitization : No information available.
Germ cell mutagenicity : No information available.
Carcinogenicity : No information available.

Reproductive toxicity : No information available.
STOT- single exposure : No information available.
STOT - repeated exposure : No information available.

Other Adverse Effects: : No information available.
Aspiration hazard : No information available.

*** Section 12 - Ecological Information ***

Ecotoxicity : The environmental impact of this product has not been fully investigated.
Persistence and Degradability : No information available
Bioaccumulative Potential : There is no data for this product

Other Adverse Effect : No information available.

*** Section 13 - Disposal Considerations ***

Waste Disposal Methods : Dispose in accordance with local regulations. Dispose of waste in accordance with Environmental legislation.

Container Disposal : Do not reuse empty containers.

*** Section 14 - Transportation Information ***

DOT	Description	Not DOT Regulated
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*** Section 15 - Regulatory Information ***

International Inventories:

AICS	-
TSCA	Complies
DSL/NDSL	Complies



Safety Data Sheet

No. AP-111

EINECS/ELINCS Complies
ENCS -
IECSC Complies
KECL -
PICCS -

Chemical name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Water	Listed	Listed	Listed	-	Listed	-	-	Listed	KE-35400	Present
Trade Secret	-	Present	-	Present	Present	-	-	Present [26875]	-	-

Inventory Legend

AICS Australian Inventory of Chemical Substances
TSCA United States Toxic Substance Control Act Section 8 (b) Inventory
DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS European Inventory of Existing Chemical Substances /European List of Notified Chemical Substances
ENCS Japan Existing and New Chemical Substances
IECSC China Inventory of Existing Chemical Substances
KECL Korean Existing and Evaluated Chemical Substances
PICCS Philippines Inventory of Chemicals and Chemical Substances

RESTRICTIONS -REACH TITLE VII No information available

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific requirements at the local, regional, or state level pertaining to releases of this material.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product Does not contain any chemicals which are subject to the reporting of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard : No
Chronic health hazard : No
Fire hazard : No
Sudden release of pressure hazard : No
Reactive hazard : No

U.S. State Right -to-Know Regulations

California Proposition 6

: This product does not contain any Proposition chemicals



Safety Data Sheet

No. AP-111

*** Section 16 - Other Information ***

National Fire Protection Association (NFPA) Ratings



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

This is the end of SDS ID: AP-111