



Safety Data Sheet

No. AP-103

*** Section 1 - Chemical Product and Company Identification ***

Product Name:	Work-Horse
Product Description	Proprietary Detergent-Based Agricultural Tank Cleaner (no ammonia or solvents)
Product Use:	Agricultural Chemical Cleaner for Ag Equipment.
Manufacture/Supplier	Atlantic-Pacific Agricultural Company, Inc.
Address:	525 Clubhouse Dr. Peachtree City, GA 30269
Company Phone:	770-629-5514
Company Website	www.atlantic-pacificag.com
Emergency Phone:	Chemtel, Inc. 1-800-255-3924
International Phone:	Chemtel, Inc. +01-813-248-058

General Comments

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving the product.

*** Section 2 - Hazards Identification ***



Signal word (GHS-US) :	Warning
Hazard statements (GHS-US) :	H302 - Harmful if swallowed H313 - May be harmful in contact with skin H320 - Causes serious, reversible eye irritation H332 - Harmful if inhaled H333 - May cause respiratory irritation H402 - Harmful to aquatic life, Category 3, no signal word for this category.
Precautionary statements (GHS-US) :	P101 - If medical advice is needed, have product label/container at hand P102 - Keep out of Reach of Children P103 - Read label before use P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash ... thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. P312 - Call a poison center/doctor/... if you feel unwell P337+P313 - If eye irritation persists: Get medical advice/attention P403+P233 - Store in a well-ventilated place. Keep container tightly closed P501 - Dispose of contents/container to ... specify in accordance with local/regional/national regulations



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

CAS #	Ingredients*	Percent
N/A	Proprietary Detergent & Sequestrant Mixture. Contains NO Ammonia or Solvents	100

Component Information/Information on Non-Hazardous Components

*Ingredients not specifically listed are non-hazardous and/or considered to be confidential business information under 29 CFR 1910.1200(i)

*** 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. If skin irritation occurs: Get medical advice/attention. Specific treatment (see ... on this label).
- First-aid measures after eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion** : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important Symptoms both acute and delayed

- Symptoms/injuries after inhalation** : May cause respiratory irritation.
- Symptoms/injuries after skin contact** : May be harmful in contact with skin.
- Symptoms/injuries after eye contact** : Causes eye irritation.

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

- Extinguishing media** : Use fire extinguishing media appropriate for surrounding materials. Water, spray, foam, dry powder or carbon dioxide.
- Specific Hazards Arising from the chemical** : This material is non-combustible. If heated, toxic vapors/gasses/mists may be formed such as carbon monoxide and carbon dioxide.
- Protection during firefighting** : Do not enter fire area without proper protective equipment, including respiratory protection.



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*** 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 : If product is in a fire, toxic vapors/gasses/mists may be formed, such as carbon monoxide and carbon dioxide.

*** 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 work station location.
Storage Procedures : Keep containers tightly closed. Store in a cool, well ventilated area. Do not freeze. Keep away from heat and direct sunlight. Avoid freezing.

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

- TV/PE** : Not specified
Appropriate Engineering Control : While manufacturing this product, general and/or local exhaust should be sufficient.
Personal Protective Equipment : Chemical resistant and impervious clothes should be worn. Safety goggles must be worn at all times. Use neoprene gloves and wash clothing, separately, afterwards.
Engineering Controls : When manufacturing, use appropriate control measures to avoid breathing dust/mists/vapors.

*** Section 9 - Physical & Chemical Properties ***

- Odor/Appearance** : green colored clear solution, sweet odor.
Flash Point, °F : Not applicable.
Boiling Point, °F : >212°F.
Melting point (freezing point) °F : <32°F
Vapor Pressure, mm Hg @ 200°C : Not determined
Vapor Density : Not determined
Solubility in water : Miscible
Density : 1.236-1.26 g/ml. 10.3-10.6 lbs/gal
Evaporation Rate (butyl acetate=1) : Not determined.
Octanol/Water Partition Coefficient : Not applicable
pH : 9.0-11.0
Flammable Limits (approx. volume % in air) : Not applicable.
Auto-Ignition Temperature : Not applicable.
Decomposition temperature : >200°C



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

Reactivity : None.
Chemical Stability : None.

Hazardous Decomposition Product

Hazardous Polymerization : Will not occur
Conditions to Avoid : None known.
Incompatible Materials : Strong bases. Strong acids

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

Acute Toxicity-LD50/LC50

- If need be, call emergency information phone number for component toxicity. Toxicity values can be given by writing to the company direct (See Section 1).
- Wear goggles when using. Straight from the container, Work-Horse causes serious eye irritation which are reversible in 8-days. See Section 2 for information on eye hazards. Work-Horse acute eye study GHS Category 2A, as irritating. Spray dilution results show GHS Category 2-B, mildly irritating.

Carcinogenicity

No information is available.

Component Carcinogenicity

No information is available.

*** Section 12 - Ecological Information ***

Persistence and Degradability : No data available
Bioaccumulative Potential : No data available
Mobility in Soil : No data available
Other Adverse Effect : Keep out of waterways.
Environmental Fate : No information is available.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.



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Disposal Instructions

Excess Product: Dispose of any unused product residue according to applicable federal, state or local procedures.

Container Disposal: triple rinse (or equivalent) any container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration (if allowed by state and local authorities) by burning. Dispose of in a manner consistent with federal, state and local laws.

*** Section 14 - Transportation Information ***

International Transportation Regulations

UN Proper Shipping Name : Not regulated by DOT, IATA, IMDG

Transport Hazard Class : None

UN Identification Number : None

Packaging Group : None

Environmental Hazards : None

Transport in Bulk : None

HS (Harmonized System) Code: 2835.31.00.

*** Section 15 - Regulatory Information ***

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



HEALTH	1
FIRE	0
REACTIVITY	0

HMIS (OSHA) Classification Rating :

Health 1 Fire 0 Reactivity 0

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

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

Notification status:

TSCA; DSL; AICS; ENCS: Yes – All chemical substances and components are on these lists.

SARA 304 – This material does not contain any components with a 304 EHS RQ.

SARA 311/312 Hazards – Acute health hazard.

SARA 302 – No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 – No chemicals in this material are subject to reporting requirements of SARA Title III, Section 313.



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US Federal Regulations

A: Clean Air Act

No information is available.

Clean Water Act: This product does not contain any toxic pollutants listed under this act.

Clean Water Act 307: This product does not contain any toxic pollutants listed under this act.

Sudden Release of Pressure: No

Component Analysis - State

Some components appear on one or more of the following state hazardous substances lists. Call the emergency numbers for actual ingredient if needed.

FL	MA	MN	NJ	PA
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Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

General Comments or questions:

Any questions or concerns on confidential ingredients, call the Emergency Information telephone number in Section 1 above.

*** Section 16 - Other Information ***

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.

SDS History

This a revised SDS 01/04/2018: Section 1- revised company address and phone number.

This is the end of SDS ID: AP-103