

**Ultra Litter Treatment....Plus**

Version 1.0

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name **Ultra Litter Treatment....Plus**  
Substance name Acidifier / Acetic acid, Sodium Acetate, sodium salt blend'  
Yucca *schidigera* extract.  
Chemical nature Liquid

## Manufacturer / Blender or supplier's details

Company H & S Corporation  
3320 Highway 64 East  
P.O. Box 56  
Alma, Arkansas 72921

Telephone 1+800-264-0323  
Fax 1-479-632-3143  
E-mail address [products@h-scorporation.com](mailto:products@h-scorporation.com)

Emergency Phone # CHEMTREC 1-800-424-9300

**Recommended use of the chemical(s) and restrictions on use**

Recommended use Acidifier / Poultry ammonia control  
Restrictions on use Reserved for industrial and professional use.

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Serious eye damage/eye Category 1 (eye-retina)  
Irritation

**GHS- Labelling - Label elements**

Hazard pictograms



Signal word Danger

Hazard statements H290 May be corrosive to some metals.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

Precautionary statements

**Prevention:**

P234 Keep in original container.  
P264 Wash the contact area thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear eye protection / face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Disposal:**

P501 Dispose of contents / container to an approved incineration Plant

**Advice: This product is not considered to be persistent, Bio-accumulating nor toxic (PBT).**

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance /Mixture / Blend**

Chemical Name	Concentration (%)
Sodium hydrogen acetate, Organic Acids.	100
Sodium acid acetate, <i>Yucca schidigera</i> extract, H <sub>2</sub> O.	

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**SECTION 4. FIRST AID MEASURES**

**First aid procedures**

Protection of first -aiders	No hazards which require special first aid measures.
If inhaled	If breathed in, move person into fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
In case of skin contact	Flush skin with large amounts of water. If irritation develops and persists, get medical attention. Remove contaminated clothing.
In case of eye contact	If easy to do, remove contact lens, if worn. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
If swallowed	Drink plenty of water. If swallowed, <b>DO NOT</b> induce vomiting.

**Notes to physician**

Symptoms	Eye irritation may cause mild and mechanical irritation and thus Symptoms which would be redness and pain.
Risks	Causes serious eye irritation.
Treatment	Symptomatic treatment

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## SECTION 5. FIREFIGHTING MEASURES

<b>Fire fighting</b>	<b>Non-combustible.</b>
Suitable extinguishing media	Water spray jet Dry powder Foam Carbon dioxide (CO2)
Further information	Exposure to decomposition products may be a hazard to health. Fire residues and contaminated fire extinguishing water must be Disposed of in accordance with local regulations.
<b>Protective equipment and precautions for firefighters</b>	
Specific hazards during firefighting	Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.
Special protective equipment for firefighting	Wear self-contained breathing apparatus for firefighting if necessary. Wear fire resistant or flame retardant clothing.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid breathing fumes..
Protective equipment and emergency procedures	Ensure adequate ventilation, especially in confined areas. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so. No special environmental precautions required.
Methods and materials for containment and clean up	Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

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## SECTION 7. HANDLING AND STORAGE

### Handling

Advice on safe handling	Wear appropriate protective equipment. Do Not get in eyes, on skin, on clothing. Do Not breathe mist or vapor. Use caution when mixing with water.  Avoid contact with skin and eyes.
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For personal protection see section 8

Advice on protection against fire and explosion      Normal measures for preventive fire protection.

**Storage**

Keep tightly closed in a dry cool place.  
Keep in original container.

Materials to avoid      Avoid Acids, Bases, Oxidizing agents.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limit Values**      Contains no substances with occupational exposure limit values.

**Engineering measures**      Provide adequate ventilation.

**Personal protective equipment**

Respiratory protection      In the case of fumes use respirator with an approved filter.  
Use NIOSH approved respiratory protection.

Hand protection      Glove material: PVC  
Glove material: Rubber

Eye Protection      Tightly fitting goggles or full face shield.

Skin and body protection      Protective work clothing.

Hygiene measures      Handle in accordance with good industrial hygiene and safely practice.  
Remove contaminated clothing and protective equipment before  
Entering eating areas. Wash hands before breaks and  
immediately after handling product.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid
Color	Brown
Odor	Vinegar / mild acetic acid / Pungent
pH	2.0 - 2.7
Melting point/range	-30°C (-22°F)
Initial boiling point	>100°C (>212°F)
Water solubility	100%

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Ignition Temperature	Not combustible
Oxidizing properties	No data available
Molecular weight	36.44

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## SECTION 10. STABILITY AND REACTIVITY

Stability	Ultra Litter Treatment....Plus is stable under normal conditions.
Possibility of hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Incompatible materials, metals, excess heat, bases.
Incompatible materials	Strong bases, Oxidizing agents.
Hazardous decomposition	Carbon oxides (Cox) Acetic acid.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Sodium hydrogen di(acetate)	LD50 Oral Rat: $\geq 5,560$ mg/kg Remarks: No adverse effect has been observed in acute toxicity test.
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### Skin corrosion/irritation

Sodium hydrogen di(acetate)	Species: Rat Exposure time: 72 h Result: No skin irritation Classification: No skin irritation Method: OECD Test Guideline 404 GLP: yes
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### Serious eye damage/eye irritation

Sodium hydrogen di(acetate)	Species: Rat. Exposure time: 21d Result: Irreversible effects on the eye. Classification: Risk of serious damage to eyes. Method: OECD Test Guideline 405 GLP: yes Remarks: Severe eye irritation.
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### Respiratory or skin sensitisation Reproductive toxicity

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information**

Sodium hydrogen di(acetate)      Remarks: According to concentration, aqueous solution causes irritation or burns of eyes, skin and mucous membranes.

**Potential Health Effects**

Eyes	May cause eye irritation.
Aggravated Medical Condition	None known
Symptoms of Overexposure	Eye irritation may cause mild and mechanical irritation and thus symptoms which would be redness and pain.

**Experience with human exposure**

Inhalation	Respiratory system: No information available.
Skin contact	May cause skin irritation in susceptible persons.
Eye contact	Eye irritation, burning or stinging of the eye, Redness.
Ingestion	Digestive organs: No information available.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Sodium hydrogen di(acetate) Toxicity to fish	(Leuciscus idus (Golden orfe): 410 mg/l. Test substance: Non neutralized product.
Toxicity to algae	No data available.
Toxicity to bacteria	No data available.

**Persistence and degradability**

Sodium hydrogen di(acetate)  
Biodegradability

Zahn-Wellens Test  
Biodegradation: >90%  
Exposure time: 2 d  
Method: OCECD Test Guideline 302  
Remarks: Readily biodegradable, according to appropriate OECD Test.

Readily biodegradable.

**Bioaccumulative potential**

Sodium hydrogen di(acetate)

Partition coefficient:  
n-octanol/water

Not Applicable  
Remarks: The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected.

**Mobility in soil**

Sodium hydrogen di(acetate)  
Mobility

No data available

Distribution among  
environmental compartments

No data available

**Other adverse effects** No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues

When possible recycling is preferred to disposal or incineration. Can be landfilled or incinerated, when in compliance with local Regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling Site for recycling or disposal. Dispose of as unused product.

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**SECTION 14. TRANSPORT INFORMATION**

**DOT** Not dangerous goods

**IATA** Not dangerous goods

**IMDG** Not dangerous goods

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**SECTION 15. REGULATORY INFORMATION**

<b>OSHA Hazards</b>	CAUSES EYE BURNS
<b>CERCLA Reportable Quantity</b>	This material does not contain any components with a CERCLA RQ.
<b>SARA 304 Extremely Hazardous Substances Reportable Quantity</b>	This material does not contain any components with a section 304 EHS RQ.
<b>SARA 302</b>	No chemicals in this material are subject to the reporting Requirements of SARA Title III, Section 302.
<b>SARA 313</b>	This material does not contain any chemical components With known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>California Prop 65</b>	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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**SECTION 16. OTHER INFORMATION**

**Further information**

This 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 a 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.