

Ultra-Vin94

Version 1.0

Date 07/06/2016

Page 1 of 8

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name **Ultra-Vin94**
Substance name Acidifier / Acetic acid, Sodium Acetate, sodium salt blend

Chemical nature Solid white powder

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

Emergency Phone # CHEMTREC 1-800-424-9300

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

Recommended use Acidifier / feedstuff additives, industrial use
Restrictions on use Reserved for industrial and professional use

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

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

GHS- Labelling - Label elements

Hazard pictograms



Signal word Danger

Hazard statements May form combustible dust concentrations in air. If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

H318 Causes serious eye damage.

Precautionary statements

Prevention:

P243 Take action to prevent static discharges.
 P264 Wash the contact area thoroughly after handling
 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).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance /Mixture / Blend**

Chemical Name	CAS-No.	Concentration (%)
Sodium hydrogen acetate	126-96-5	100
Sodium acid acetate		

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.
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, DO NOT 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

SECTION 5. FIREFIGHTING MEASURES**Fire fighting**

Suitable extinguishing media	Water spray jet Dry powder Foam Carbon dioxide (CO ₂)
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.

Protective equipment and precautions for firefighters

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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid dust formation. Avoid breathing dust. 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.

SECTION 7. HANDLING AND STORAGE**Handling**

Advice on safe handling	If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air. Avoid creating dust. Do not breath dust. 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.

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 dust 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	crystalline, solid powder
Color	White
Odor	Vinegar / mild acetic acid
pH	3.7 - 4.7 (10%) as aqueous solution.
Melting point/range	328°C
Bulk density	750-850 kg/m ³ (25°C)
Solubility(ies) water	570 g/l (20°C)

Ultra-Vin94

Version 1.0

Date 07/06/2016

Page 5 of 8

Ignition Temperature	>600°C The product is not flammable. Method DIN 51794
Oxidizing properties	No data available
Molecular weight	142.09 g/mol

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No decomposition if stored and applied as directed
Chemical stability	Stable under normal conditions.
Possibility of hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Stable under normal conditions. The product is hygroscopic.
Incompatible materials	Strong bases, Oxidizing agents.
Hazardous decomposition	Carbon oxides (Cox) Acetic acid.

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.
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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.

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

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.

SECTION 14. TRANSPORT INFORMATION**DOT**

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

OSHA Hazards	CAUSES EYE BURNS
CERCLA Reportable Quantity	This material does not contain any components with a CERCLA RQ.
SARA 304 Extremely Hazardous Substances Reportable Quantity	This material does not contain any components with a section 304 EHS RQ.
SARA 302	No chemicals in this material are subject to the reporting Requirements of SARA Title III, Section 302.
SARA 313	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.
California Prop 65	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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.