

# Material Safety Data Sheet HSI 966

HERITAGE

Formerly: WT-109A

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

### Manufacturer Information

Heritage Systems Inc.  
2471 Solano Ave Suite 141  
Napa, Ca. 94558

Telephone No. 1-707-258-0553

24 Hr. Emergency No: 1-800-535-5053

## \*\*\* Section 2 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
69418-26-4	Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamide	20-45
64742-47-8	Petroleum distillates, hydrotreated light	20-30
68551-12-2	Alcohols, C12-16, ethoxylated	1.65

### Component Information/Information on Non-Hazardous Components

None

## \*\*\* Section 3 - Hazards Identification \*\*\*

### Emergency Overview

This product is irritating to the eyes, respiratory system and skin.

### Potential Health Effects: Eyes

Irritant

### Potential Health Effects: Skin

Irritant

### Potential Health Effects: Ingestion

May be harmful if swallowed. Seek medical attention.

### Potential Health Effects: Inhalation

Avoid prolonged inhalation of heated vapors.

### HMIS Ratings: Health: 1 Fire: 1 Reactivity: 0 Pers. Prot.: B

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention.

### First Aid: Skin

Flush thoroughly with water.

### First Aid: Ingestion

If ingestion of a large amount does occur, seek medical attention.

### First Aid: Inhalation

Inhalation of mists into lungs may cause pulmonary disorder. Move victim to fresh air. Consult physician regarding any continued discomfort.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

Petroleum hydrocarbon component, if separated from product, is combustible.

# Material Safety Data Sheet

HERITAGE SYSTEMS HSI 966

Formerly: WT-109A

**Upper Flammable Limit (UFL):** Not determined

**Lower Flammable Limit (LFL):** Not determined

**Method Used:** COC

**Flash Point:** >212 F

**Flammability Classification:**

**Auto Ignition:** Not determined

## Hazardous Combustion Products

On thermal decomposition oxides of carbon and nitrogen.

## Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

## Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \* \* \* Section 6 - Accidental Release Measures \* \* \*

### Containment Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal.

### Clean-Up Procedures

None specified.

### Evacuation Procedures

None.

### Special Procedures

Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Handling Procedures

Handle as an irritant.

### Storage Procedures

None specified.

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

### A: Component Exposure Limits

#### Petroleum distillates, hydrotreated light (64742-47-8)

ACGIH: 200 mg/m<sup>3</sup> TWA application restricted to conditions in which there are negligible aerosol exposures

### Engineering Controls

Provide adequate ventilation to minimize worker exposure.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Safety glasses or goggles.

#### Personal Protective Equipment: Skin

Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.

#### Personal Protective Equipment: Respiratory

Not required under normal operating conditions.

# Material Safety Data Sheet

HERITAGE SYSTEMS HSI 966

Formerly: WT-109A

## Personal Protective Equipment: General

Avoid prolonged inhalation of heated vapors.

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

<b>Appearance:</b>	White viscous liquid	<b>Odor:</b>	Mild hydrocarbon odor
<b>Physical State:</b>	Liquid	<b>pH:</b>	N/E
<b>Vapor Pressure:</b>	N/E	<b>Vapor Density:</b>	N/E
<b>Boiling Point:</b>	N/E	<b>Melting Point:</b>	~5 F
<b>Solubility (H2O):</b>	Water soluble	<b>Specific Gravity:</b>	~1 (water = 1)
<b>Evaporation Rate:</b>	<1 (butyl acetate =1)		

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

#### Chemical Stability

Stable under usual application conditions.

#### Chemical Stability: Conditions to Avoid

None.

#### Incompatibility

None identified.

#### Hazardous Decomposition

None identified.

#### Hazardous Polymerization

Hazardous polymerization will not occur.

### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Acute and Chronic Toxicity

##### A: General Product Information

Eye and skin irritant. May aggravate existing medical conditions such as rashes, allergies or other sensitive areas.

Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

##### B: Acute Toxicity-LD50/LC50

No LD50/LC50's are available for this product's components.

#### Carcinogenicity

##### A: General Product Information

NTP: No

IARC: No

OSHA: No

##### B: Component Carcinogenicity

###### Petroleum distillates, hydrotreated light (64742-47-8)

ACGIH: A3 - Animal Carcinogen (as total hydrocarbon vapor)

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

##### A: General Product Information

Aquatic LC50:

(Ceriodaphnia Dubia: 48 hrs): 1.75 ppm

(Pimephales promelas: 48 hrs): 11.0 ppm

# Material Safety Data Sheet

HERITAGE SYSTEMS HSI 966

Formerly: WT-109A

## B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available,

## Environmental Fate

Biological Oxygen Demand (BOD): 383,000 mg/l

Chemical Oxygen Demand (COD) : 1,930,000 mg/l

## \*\*\* Section 13 - Disposal Considerations \*\*\*

## US EPA Waste Number & Descriptions

### A: General Product Information

Incinerate or dispose of unadulterated product as a non-hazardous waste. Solidify and landfill according to local, state and federal regulations.

### B: Component Waste Numbers

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

### Disposal Instructions

Contain and collect using absorbent material if needed. Flush residuals to drain for normal biological treatment. Place collected material into suitable containers for proper disposal.

## \*\*\* Section 14 - Transportation Information \*\*\*

## International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

## \*\*\* Section 15 - Regulatory Information \*\*\*

## US Federal Regulations

### A: Clean Air Act

No information is available.

### B: Component Analysis

No information is available.

### C: Food & Drug Administration

None of the components in this product are listed by the FDA under regulations for Direct and Indirect Food Additives.

### Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamide	69418-26-4	Yes	DSL	No
Petroleum distillates, hydrotreated light	64742-47-8	Yes	DSL	EINECS
Alcohols, C12-16, ethoxylated	68551-12-2	Yes	DSL	No

## \*\*\* Section 16 - Other Information \*\*\*

# Material Safety Data Sheet

HERITAGE SYSTEMS HSI 966

Formerly: WT-109A

## Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

## MSDS History

**Revision:** Section 2 has been edited.

## Key/Legend

**Contact:** Product Safety Compliance Officer

**Contact Phone:** (707) 258-0553