

# SAFETY DATA SHEET

## Ceranine KA.US Liq

Version 2.0      Revision Date: 08/16/2015      MSDS Number: CLTCERNAN-KA      Date of last issue: 10/08/2013  
Date of first issue: 09/12/2013

### SECTION 1. IDENTIFICATION

<b>Identification of the company:</b>	Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone No.: +1 707-283-0390
<b>Information of the substance/preparation:</b>	Product Stewardship +1 704-353-4120
<b>Emergency tel. number:</b>	+1 866-928-0789 (NCEC)

**Trade name:** Ceranine KA.US Liq  
**Material number:** 220495  
**Formula:** Proprietary  
**Chemical family:** Fatty Acid Derivative, Cationic

**Recommended use of the chemical and restrictions on use**  
Recommended use: Textile auxiliary

Recommended restrictions on use: unknown

### SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**  
Skin irritation : Category 2  
Serious eye damage : Category 1

**GHS Label element**  
Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.  
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.  
P280 Wear protective gloves.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with

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water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

### Other hazards

Hazards Not Otherwise Classified:

May cause skin discoloration.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Acetic Acid	64-19-7	1 - 5
Ethoxylated alcohols		1 - 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.

If inhaled :

Move the victim to fresh air.

Give oxygen or artificial respiration if needed.

Get immediate medical advice/ attention.

Never give anything by mouth to an unconscious person.

In case of skin contact :

Remove contaminated clothing without delay. Immediately wash the skin with soap and water for at least 15 minutes under a safety shower. If redness or skin irritation occurs, seek medical attention.

In case of eye contact :

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Get medical attention immediately if irritation develops and persists.

If swallowed :

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

Most important symptoms and effects, both acute and delayed

: The possible symptoms known are those derived from the labelling (see section 2).  
No additional symptoms are known.

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Notes to physician : None known.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : water  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water spray

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire-fighting : Thermal decomposition may produce oxides of carbon, nitrogen and sulfur.

Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Special protective equipment for firefighters : Self-contained breathing apparatus

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.  
Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbents. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Treat recovered material as described in the section "Disposal considerations".

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### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Observe the general rules of industrial fire protection

Advice on safe handling :

Avoid breathing vapours.  
Avoid contact with skin, eyes and clothing.

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Conditions for safe storage : Store in original container.  
 Keep container tightly closed.  
 Store in a cool, dry, well-ventilated area.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
64-19-7	Acetic Acid	TWA	10 ppm	ACGIH
	Further information: Pulmonary function, Upper Respiratory Tract irritation, Eye irritation			
		STEL	15 ppm	ACGIH
	Further information: Pulmonary function, Upper Respiratory Tract irritation, Eye irritation			
		TWA	10 ppm 25 mg/m3	NIOSH REL
		ST	15 ppm 37 mg/m3	NIOSH REL
		TWA	10 ppm 25 mg/m3	OSHA Z-1
	Further information: The value in mg/m3 is approximate.			
		TWA	10 ppm 25 mg/m3	OSHA P0

**Engineering measures** : Local ventilation recommended - mechanical ventilation may be used.

#### Personal protective equipment

**Respiratory protection** : None required under normal use. Use NIOSH approved respiratory protection where exposure levels exceed regulatory limits for particulate matter.

**Hand protection**

**Remarks** : Butyl Rubber, PVC Or Neoprene.

**Eye protection** : Tightly fitting safety goggles

**Skin and body protection** : Wear suitable protective equipment.

**Protective measures** : Observe the usual precautions for handling chemicals.

**Hygiene measures** : Wash hands before breaks and at the end of workday.  
 Use protective skin cream before handling the product.  
 Take off immediately all contaminated clothing and wash it before reuse.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: emulsion
Colour	: milky white
Odour	: mild
Odour Threshold	: not determined
pH	: 2.5 - 3.5
Melting point	: not applicable
Boiling point	: ca. 100 °C
Flash point	: not tested.
Evaporation rate	: not tested.
Flammability (solid, gas)	: not applicable
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: not tested.
Relative vapour density	: not determined
Density	: approx. 1 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility	: miscible
Partition coefficient: n-octanol/water	: not tested.
Auto-ignition temperature	: not tested.
Decomposition temperature	: not tested.
Viscosity	
Viscosity, dynamic	: not tested.
Viscosity, kinematic	: not determined
Oxidizing properties	: not tested.
Impact sensitivity	: not determined
Sublimation point	: not applicable

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use. Stable
Conditions to avoid	: None known.
Incompatible materials	: not known
Hazardous decomposition products	: When handled and stored appropriately, no dangerous decomposition products are known

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Eye contact  
Skin contact  
Ingestion  
Inhalation

#### Acute toxicity

##### Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

#### Skin corrosion/irritation

##### Product:

Remarks: not tested.

#### Serious eye damage/eye irritation

##### Product:

Remarks: not tested.

#### Respiratory or skin sensitisation

##### Product:

Remarks: not tested.

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### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: not tested.

Germ cell mutagenicity - Assessment : No information available.

### Carcinogenicity

**Product:**

Carcinogenicity - Assessment : No information available.

**IARC** Not listed

**OSHA** Not listed

**NTP** Not listed

### Reproductive toxicity

**Product:**

Reproductive toxicity - Assessment : No information available.

### Repeated dose toxicity

**Product:**

Remarks: not tested.

### Experience with human exposure

**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

### Further information

**Product:**

Remarks: No specific data is available on this product. The classification is based on an assessment of the components.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Product:**

Toxicity to fish :

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Remarks: not tested.

Toxicity to daphnia and other aquatic invertebrates : Remarks: not tested.

Toxicity to algae : Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

### Persistence and degradability

#### Product:

Biodegradability : Remarks: not tested.

Biochemical Oxygen Demand (BOD) : 57 mg/g , 57,060 ppm

Chemical Oxygen Demand (COD) : 108 mg/g , 108,000 ppm

### Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: not tested.

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Environmental fate and pathways : Remarks: no data available

Results of PBT and vPvB assessment : Remarks: no data available

Additional ecological information : no data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : No -- Not as sold.

Waste Code : None

Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or land-



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filled after solidification in permitted systems.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

### SECTION 14. TRANSPORT INFORMATION

DOT not restricted  
IATA not restricted  
IMDG not restricted

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Acetic Acid	64-19-7	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 311/312 Hazards** : Acute Health Hazard

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

**SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

#### Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

#### The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

#### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECl (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

### SECTION 16. OTHER INFORMATION

#### Further information

Avoid inhalation of vapour or mist.

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This product has not been evaluated for FDA regulatory requirements.  
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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 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.

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