

# Safety Data Sheet

Issue Date: 05-Jan-2011

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Farm Fresh

### Other means of identification

**SDS #** CTI-016

### Recommended use of the chemical and restrictions on use

**Recommended Use** Liquid Pot and Pan Detergent

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Chemtron Incorporated  
7350 C Lockport Place  
Lorton, Virginia 22079

### Emergency Telephone Number

**Company Phone Number** Information: 703-550-7772

**Emergency Telephone (24 hr)** Chemtrec 1-800-424-9300 (North America) 1-703-527-3887 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Blue viscous liquid

**Physical State** Liquid

**Odor** Lemon

### Classification

Serious eye damage/eye irritation

Category 2

### Signal Word

Warning

### Hazard Statements

Causes serious eye irritation



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

### Other Hazards

Toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name          | CAS No     | Weight-% |
|------------------------|------------|----------|
| Sodium lauryl sulfate  | 151-21-3   | <5       |
| Tetrasodium EDTA       | 64-02-8    | <5       |
| Ethyl Alcohol          | 64-17-5    | <5       |
| Sodium xylenesulfonate | 1300-72-7  | <5       |
| Cocamidopropyl betaine | 61789-40-0 | <1       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

#### First Aid Measures

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Skin Contact</b> | Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash it before reuse.  |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Drink 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician.                        |

#### Most important symptoms and effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Causes serious eye irritation. Prolonged contact with skin may cause irritation. Ingestion may cause gastric discomfort, nausea, and/or vomiting. |
|-----------------|---|

#### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Product is not flammable.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Use personal protection recommended in Section 8.
- Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

### Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up** Contain and collect with an inert absorbent and place into an appropriate container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. This is an industrial cleaning compound. Do not mix with anything but water.

### Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place.
- Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name            | ACGIH TLV      | OSHA PEL   | NIOSH IDLH   |
|--------------------------|----------------|--|--|
| Ethyl Alcohol<br>64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |

### Appropriate engineering controls

- Engineering Controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

### Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Goggles.
- Skin and Body Protection** Wear rubber or neoprene gloves. An apron or other impermeable body protection is suggested.
- Respiratory Protection** If engineering controls do not keep airborne concentrations below acceptable levels, wear a NIOSH-approved respirator.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                     |                       |                |
|-----------------------|---------------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid              | <b>Odor</b>           | Lemon scent    |
| <b>Appearance</b>     | Blue viscous liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Blue                |                       |                |

| <u>Property</u>              | <u>Values</u>         | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH                           | Not determined        |                         |
| Melting Point/Freezing Point | Not determined        |                         |
| Boiling Point/Boiling Range  | Not determined        |                         |
| Flash Point                  | Not applicable        |                         |
| Evaporation Rate             | Not determined        |                         |
| Flammability (Solid, Gas)    | Liquid-Not applicable |                         |
| Upper Flammability Limits    | Not applicable        |                         |
| Lower Flammability Limit     | Not applicable        |                         |
| Vapor Pressure               | Not determined        |                         |
| Vapor Density                | Not determined        |                         |
| Specific Gravity             | Not determined        |                         |
| Water Solubility             | Completely soluble    |                         |
| Solubility in other solvents | Not determined        |                         |
| Partition Coefficient        | Not determined        |                         |
| Auto-ignition Temperature    | Not determined        |                         |
| Decomposition Temperature    | Not determined        |                         |
| Kinematic Viscosity          | Not determined        |                         |
| Dynamic Viscosity            | Not determined        |                         |
| Explosive Properties         | Not determined        |                         |
| Oxidizing Properties         | Not determined        |                         |

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Keep separated from incompatible substances. Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

|                     |                                  |
|---------------------|----------------------------------|
| <b>Eye Contact</b>  | Causes serious eye irritation.   |
| <b>Skin Contact</b> | Avoid contact with skin.         |
| <b>Inhalation</b>   | Avoid breathing vapors or mists. |
| <b>Ingestion</b>    | Do not ingest.                   |

**Component Information**

| Chemical Name                        | Oral LD50            | Dermal LD50            | Inhalation LC50                      |
|--------------------------------------|----------------------|------------------------|--------------------------------------|
| Nonoxynol<br>9016-45-9               | = 1310 mg/kg ( Rat ) | = 2 mL/kg ( Rabbit )   | -                                    |
| Sodium lauryl sulfate<br>151-21-3    | = 1288 mg/kg ( Rat ) | = 580 mg/kg ( Rabbit ) | > 3900 mg/m <sup>3</sup> ( Rat ) 1 h |
| Tetrasodium EDTA<br>64-02-8          | = 10 g/kg ( Rat )    | -                      | -                                    |
| Ethyl Alcohol<br>64-17-5             | = 7060 mg/kg ( Rat ) | -                      | = 124.7 mg/L ( Rat ) 4 h             |
| Sodium xylenesulfonate<br>1300-72-7  | = 7200 mg/kg ( Rat ) | -                      | -                                    |
| Cocamidopropyl betaine<br>61789-40-0 | = 4900 mg/kg ( Rat ) | -                      | -                                    |

**Information on physical, chemical and toxicological effects****Symptoms**

Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity**

The ingredient in this product is only classified as a carcinogen when consumed as an alcoholic beverage in long-term studies.

| Chemical Name            | ACGIH | IARC    | NTP   | OSHA |
|--------------------------|-------|---------|-------|------|
| Ethyl Alcohol<br>64-17-5 | A3    | Group 1 | Known | X    |

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Component Information**

| Chemical Name                        | Algae/aquatic plants   | Fish  | Toxicity to microorganisms                          | Crustacea  |
|--------------------------------------|--|---|---|--|
| Sodium lauryl sulfate<br>151-21-3    | 53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static | 8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 9.9 - 20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 5.8 - 7.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10.2 - 22.5: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 6.2 - 9.6: 96 h <i>Pimephales promelas</i> mg/L LC50 13.5 - 18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 10.8 - 16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static |   | 1.8: 48 h <i>Daphnia magna</i> mg/L EC50   |
| Tetrasodium EDTA<br>64-02-8          | 1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50  | 41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static   |   | 610: 24 h <i>Daphnia magna</i> mg/L EC50   |
| Ethyl Alcohol<br>64-17-5             |  | 12.0 - 16.0: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 100: 96 h <i>Pimephales promelas</i> mg/L LC50 static 13400 - 15100: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through   | EC50 = 34634 mg/L 30 min<br>EC50 = 35470 mg/L 5 min | 9268 - 14221: 48 h <i>Daphnia magna</i> mg/L LC50 10800: 24 h <i>Daphnia magna</i> mg/L EC50 2: 48 h <i>Daphnia magna</i> mg/L EC50 Static |
| Cocamidopropyl betaine<br>61789-40-0 | 1.0 - 10.0: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.55: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50  | 1.0 - 10.0: 96 h <i>Brachydanio rerio</i> mg/L LC50 2: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static  |   | 6.5: 48 h <i>Daphnia magna</i> mg/L EC50   |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name                     | Partition Coefficient |
|-----------------------------------|-----------------------|
| Sodium lauryl sulfate<br>151-21-3 | 1.6                   |
| Ethyl Alcohol<br>64-17-5          | -0.32                 |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

| Chemical Name            | California Hazardous Waste Status |
|--------------------------|-----------------------------------|
| Ethyl Alcohol<br>64-17-5 | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG**

**Marine Pollutant** This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION****International Inventories**

| Chemical Name          | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Sodium lauryl sulfate  | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Tetrasodium EDTA       | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Ethyl Alcohol          | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Sodium xylenesulfonate | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Cocamidopropyl betaine | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

| Chemical Name           | California Proposition 65   |
|-------------------------|-----------------------------|
| Ethyl Alcohol - 64-17-5 | Carcinogen<br>Developmental |

**U.S. State Right-to-Know Regulations**

| Chemical Name            | New Jersey | Massachusetts | Pennsylvania |
|--------------------------|------------|---------------|--------------|
| Ethyl Alcohol<br>64-17-5 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | Not determined        | Not determined      | Not determined          | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | Not determined        | Not determined      | Not determined          | Not determined             |

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**Disclaimer**

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.

**End of Safety Data Sheet**