# SAFETY DATA SHEET



Issue Date 04-Feb-2015 Revision Date 04-Feb-2015 Version 1

# 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name LAUNDRY SOFTENER

Other means of identification

Product Code SS 5792

Recommended use of the chemical and restrictions on use
Recommended Use Laundry fabric-softener.
Uses advised against Use only as stated on label.

Details of the supplier of the safety data sheet

**Supplier** Suburban Supply

29 Kearney Road Needham, MA 02194 Phone: (781) 449-1042

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

# 2. HAZARDS IDENTIFICATION

### Classification

# **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

| Acute toxicity - Oral   | Not classified |
|-------------------------|----------------|
| Acute toxicity - Dermal | Not classified |

### Label elements

**Emergency Overview** 

Warning

**Hazard statements**Causes eye irritation

Appearance Blue Physical state Liquid Odor Pleasant

# **Precautionary Statements - Prevention**

Wash hands and any exposed skin thoroughly after handling.

# **Precautionary Statements - Response**

Specific Treatment (See Section 4 on the SDS)

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

### Hazards not otherwise classified (HNOC)

Other Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS No.    | Weight-% | Trade Secret |
|----------------|------------|----------|--------------|
| Quarternium-53 | 68410-69-5 | 3-7      | *            |
| Citric Acid    | 77-92-9    | 1-5      | *            |

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

First aid measures

**General advice** Immediate medical attention is required.

Skin Contact Immediate medical attention is required. Wash off immediately with soap and plenty of

water while removing all contaminated clothes and shoes.

Eye contact Immediate medical attention is required Rinse immediately with plenty of water, also under

the eyelids, for at least 15 minutes Keep eye wide open while rinsing Do not rub affected

area

Inhalation Remove to fresh air. Call a physician or poison control center immediately. If not breathing,

give artificial respiration. If breathing is difficult, give oxygen.

**Immediate medical attention is required.** Do NOT induce vomiting. Drink plenty of water.

Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison

control center immediately.

**Self-protection of the first aider**Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

**Symptoms** No Information available.

Indication of any immediate medical attention and special treatment needed

**Note to physicians** Product is a corrosive material. Use of gastric lavage or emesis is contraindicated.

Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. 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 Caution: Use of water spray when fighting fire may be inefficient.

# Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Explosion data** 

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

#### 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 Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid

contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

**Environmental precautions** 

**Environmental precautions**Do not allow into any sewer, on the ground or into any body of water. Should not be

released into the environment. Prevent further leakage or spillage if safe to do so. Prevent

product from entering drains.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take

up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces

with water.

# 7. HANDLING AND STORAGE

Precautions for safe handling

**Advice on safe handling**Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed

systems.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of

children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in

properly labeled containers.

Incompatible materials Incompatible with strong acids and bases. Incompatible with oxidizing agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles. Face protection shield.

**Skin and body protection** No special technical protective measures are necessary.

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No Information available

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved Respiratory protection

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep **General Hygiene** 

away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing

Odor threshold

and wash it before reuse. Wear suitable gloves and eye/face protection.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

# Information on basic physical and chemical properties

**Physical state** Liquid **Appearance** Blue Odor Pleasant

Property Values Remarks • Method

1.5 - 2.5 pН

No Information available Melting point/freezing point No Information available Boiling point / boiling range None

Flash point

**Evaporation rate** No Information available Flammability (solid, gas) No Information available

Flammability Limits in Air

Upper flammability limit: No Information available Lower flammability limit: No Information available Vapor pressure No Information available Vapor density No Information available

**Specific Gravity** 1.004

Water solubility completely soluble Solubility in other solvents No Information available No Information available Partition coefficient **Autoignition temperature** No Information available **Decomposition temperature** No Information available Kinematic viscosity No Information available No Information available **Viscosity Explosive properties** No Information available

Oxidizing properties No Information available

### 10. STABILITY AND REACTIVITY

# Reactivity

No data available

#### Chemical stability

Stable under recommended storage conditions.

# **Possibility of Hazardous Reactions**

None under normal processing.

#### Conditions to avoid

Exposure to air or moisture over prolonged periods.

# Incompatible materials

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

#### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

# 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Product Information No data available

**Inhalation** No data available.

Eye contact No data available.

**Skin Contact** No data available.

**Ingestion** No data available.

| Chemical Name | Oral LD50          | Dermal LD50 | Inhalation LC50 |
|---------------|--------------------|-------------|-----------------|
| Citric Acid   | = 3000 mg/kg (Rat) | Yes         | Yes             |
| 77-92-9       |                    |             |                 |

### Information on toxicological effects

Symptoms No Information available.

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

SensitizationNo Information available.Germ cell mutagenicityNo Information available.CarcinogenicityNo Information available.Reproductive toxicityNo Information available.STOT - single exposureNo Information available.STOT - repeated exposureNo Information available.

Chronic toxicity Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw

necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure.

Possible risk of irreversible effects.

**Aspiration hazard** No Information available.

### Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

# 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

6.3% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name     | Algae/aquatic plants | Fish                           | Crustacea                      |
|-------------------|----------------------|--------------------------------|--------------------------------|
| Citric Acid       | Yes                  | 1516: 96 h Lepomis macrochirus | 120: 72 h Daphnia magna mg/L   |
| 77-92-9           |                      | mg/L LC50 static               | EC50                           |
| Diethylene Glycol | ne Glycol Yes 75200  |                                | 84000: 48 h Daphnia magna mg/L |
| 111-46-6          |                      | mg/L LC50 flow-through         | EC50                           |

# Persistence and degradability

No Information available.

#### **Bioaccumulation**

No Information available.

| Chemical Name          | Partition coefficient |
|------------------------|-----------------------|
| Citric Acid<br>77-92-9 | -1.72                 |

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Other adverse effects No Information available

# 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** Do not reuse container.

US EPA Waste Number D002

# 14. TRANSPORT INFORMATION

**DOT** Not regulated

# 15. REGULATORY INFORMATION

**International Inventories** 

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Does not comply
AICS Complies

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

AICS - Australian Inventory of Chemical Substances

### **US Federal Regulations**

# **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

# SARA 311/312 Hazard Categories

Acute health hazard Yes
Chronic Health Hazard Yes
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

# 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)

# **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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### **US State Regulations**

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### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

| Chemical Name     | New Jersey | Massachusetts | Pennsylvania |
|-------------------|------------|---------------|--------------|
| Diethylene Glycol | Yes        | Yes           | X            |
| 111-46-6          |            |               |              |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not Applicable

| 16  | <b>OTUED</b> | INIEOD |        |
|-----|--------------|--------|--------|
| 10. | OIREK        | INFUR  | MATION |

NFPA Health hazards 2 Flammability 0 Instability 0 Physical and Chemical

Properties Yes

HMIS Health hazards 2 Flammability 0 Physical hazards 0 Personal protection

N/A

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**Revision Note** 

No Information available

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**