

# SAFETY DATA SHEET

Issuing Date 07-Aug-2013

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Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name CC#8 ENZI DET

### Other means of identification

Product Code(s) LEPPLE

Synonyms LEPPLE

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

Recommended Use Institutional laundry detergent

Uses advised against No information available

### Supplier's details

Supplier Address  
CLEANERS CHEMICAL CORPORATION  
425 Whitehead Ave  
South River, NJ  
08882  
TEL: 866-307-0700

### Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.  
24 Hour Emergency Contact 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is NOT considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

|  |  |
|--|--|
|  |  |
|  |  |

### GHS Label elements, including precautionary statements

### Emergency Overview

Signal Word  
Hazard Statements

Appearance Solid

Physical State Solid.

Odor No information available

**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- Immediately call a POISON CENTER or doctor/physician.

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse.

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion**

- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Storage**

- Store locked up.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Synonyms**

LEPPLE

| Chemical Name            | CAS-No     | Weight % | Trade secret |
|--------------------------|------------|----------|--------------|
| Sodium carbonate         | 497-19-8   | 15-30    | *            |
| Pentasodium triphosphate | 7758-29-4  | 5-15     | *            |
| Sodium percarbonate      | 15630-89-4 | 15-40    | *            |

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

**4. FIRST AID MEASURES****Description of necessary first-aid measures****Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

**Skin Contact**

Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Immediate medical attention is required.

**Inhalation**

Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

**Ingestion** Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** 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** None

**Specific Hazards Arising from the Chemical**

No information available

**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** Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Stop leak if you can do it without risk. If spilled, take caution, as material can cause surfaces to become very slippery.

**Environmental Precautions**

**Environmental Precautions** Dispose of contents/container to an approved waste disposal plant.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Stop leak if you can do it without risk

**Methods for Cleaning Up** Contain spill, dilute with water and neutralize as required. Wash away small spills with plenty of water.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Do not take internally. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

|                              |   |
|------------------------------|---|
| <b>Storage</b>               | Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature. Keep from freezing. Keep container closed when not in use. Keep out of the reach of children. |
| <b>Incompatible Products</b> | Strong oxidizing agents. Strong acids. Alkaline. Do not mix with anything but water   |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------|-----------|----------|------------|
|               |           |          |            |

**Appropriate engineering controls**

|                             |  |
|-----------------------------|--|
| <b>Engineering Measures</b> | Showers<br>Eyewash stations<br>Ventilation systems |
|-----------------------------|--|

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

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Eye/Face Protection</b>      | Chemical splash goggles.      |
| <b>Skin and Body Protection</b> | Rubber gloves. Latex gloves   |
| <b>Respiratory Protection</b>   | Particle filtering face piece |

|                         |  |
|-------------------------|--|
| <b>Hygiene Measures</b> | 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> | Solid                    | <b>Appearance</b>     | Solid                    |
| <b>Odor</b>           | No information available | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>      | <u>Remarks/ - Method</u> |
|--|--------------------|--------------------------|
| pH                                     | No data available  | None known               |
| Melting Point/Range                    | No data available  | None known               |
| Boiling Point/Boiling Range            | No data available  | None known               |
| Flash Point                            | No data available  | None known               |
| Evaporation rate                       | No data available  | None known               |
| Flammability (solid, gas)              | No data available  | None known               |
| Flammability Limits in Air             |                    |                          |
| upper flammability limit               | No data available  |                          |
| lower flammability limit               | No data available  |                          |
| Vapor Pressure                         | No data available  | None known               |
| Vapor Density                          | No data available  | None known               |
| Relative Density                       | No data available  | None known               |
| Specific Gravity                       | No data available. | None known               |
| Water Solubility                       | 100%               | None known               |
| Solubility in other solvents           | No data available  | None known               |
| Partition coefficient: n-octanol/water | No data available  | None known               |
| Autoignition Temperature               | No data available  | None known               |
| Decomposition Temperature              | No data available  | None known               |
| Viscosity                              | No data available  | None known               |

|                             |               |
|-----------------------------|---------------|
| <b>Flammable Properties</b> | Not flammable |
|-----------------------------|---------------|

|                             |                   |
|-----------------------------|-------------------|
| <b>Explosive Properties</b> | No data available |
| <b>Oxidizing Properties</b> | No data available |

**Other information**

VOC Content (%) No data 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**

Incompatible products.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Alkaline. Do not mix with anything but water

**Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information****Inhalation**

May cause irritation of respiratory tract.

**Eye Contact**

Causes serious eye irritation.

**Skin Contact**

Causes severe skin burns.

**Ingestion**

May be harmful if swallowed.

| Chemical Name                           | LD50 Oral            | LD50 Dermal             | LC50 Inhalation |
|---|----------------------|-------------------------|-----------------|
| Tribasic sodium phosphate dodecahydrate | = 7400 mg/kg ( Rat ) | -                       | -               |
| Sodium carbonate                        | = 4090 mg/kg ( Rat ) | -                       | -               |
| Water                                   | 90 mL/kg ( Rat )     | -                       | -               |
| Pentasodium triphosphate                | = 3100 mg/kg ( Rat ) | > 7940 mg/kg ( Rabbit ) | -               |
| Sodium percarbonate                     | = 1034 mg/kg ( Rat ) | -                       | -               |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

*The following values are calculated based on chapter 3.1 of the GHS document:*

**LD50 Oral** 7144 mg/kg; Acute toxicity estimate  
**LD50 Dermal** 14539 mg/kg; Acute toxicity estimate

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

| Chemical Name                         | Toxicity to Algae                              | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)               |
|---------------------------------------|--|---|----------------------------|--|
| Sodium carbonate<br>497-19-8          | EC50 120 h: = 242 mg/L<br>(Nitzschia)          | LC50 96 h: = 300 mg/L static<br>(Lepomis macrochirus) LC50<br>96 h: 310 - 1220 mg/L static<br>(Pimephales promelas) |                            | EC50 48 h: = 265 mg/L<br>(Daphnia magna) |
| Pentasodium triphosphate<br>7758-29-4 |  | LC50 48 h: = 1650 mg/L<br>(Leuciscus idus)  |                            |  |
| Sodium percarbonate<br>15630-89-4     | EC50 240 h: = 70 mg/L<br>(Chlorella emersonii) | LC50 96 h: = 70.7 mg/L<br>static (Pimephales promelas)  |                            | EC50 48 h: = 4.9 mg/L<br>(Daphnia pulex) |

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Other Adverse Effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

| Chemical Name       | California Hazardous Waste |
|---------------------|----------------------------|
| Sodium carbonate    | Corrosive                  |
| Sodium percarbonate | Ignitable                  |

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Complies  
**IECSC** Complies  
**PICCS** Complies  
**AICS** Complies

**Legend**

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

IECSC - China Inventory of Existing Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

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**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden Release of Pressure Hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name            | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Pentasodium triphosphate |                             |                        |                           | X                          |
|                          |                             |                        |                           | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name            | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|--------------------------|--------------------------|------------------------------------|--|
| Pentasodium triphosphate | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
|                          |                          |                                    |  |

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name            | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|--------------------------|------------|---------------|--------------|----------|--------------|
| Pentasodium triphosphate |            | X             | X            |          |              |
|                          |            |               |              |          |              |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

|             |                 |                |                   |                                 |
|-------------|-----------------|----------------|-------------------|---------------------------------|
| <b>NFPA</b> | Health Hazard 3 | Flammability 0 | Instability 0     | Physical and Chemical Hazards - |
| <b>HMIS</b> | Health Hazard 3 | Flammability 0 | Physical Hazard 0 | Personal Protection X           |

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|                      |  |
|----------------------|--|
| <b>Prepared By</b>   | Product Stewardship<br>23 British American Blvd.<br>Latham, NY 12110<br>1-800-572-6501 |
| <b>Issuing Date</b>  | 07-Aug-2013  |
| <b>Revision Date</b> | 07-Aug-2013  |
| <b>Revision Note</b> | Initial Release.   |

**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**