

# Safety Data Sheet

## 1. Identification

|                                    |  |
|------------------------------------|--|
| <b>Product Information.</b>        | S783 (114338-112397-112335)  |
| <b>Product Name:</b>               | Citrus Crush   |
| <b>Recommended Use.</b>            | Professional Carpet Cleaning   |
| <b>Uses advised against.</b>       | Professional Use Only  |
| <b>Supplier.</b>                   | Legend Brands<br>Prochem<br>15180 Josh Wilson Road<br>Burlington, WA 98233<br>E-Mail: sds@legendbrands.com<br>800-932-3030 |
| <b>Emergency telephone number.</b> | INFOTRAC 1-800-535-5053 (North America)<br>+1-352-323-3500 (International)   |

## 2. Hazards Identification

### GHS Classification in accordance with 29 CFR 1910.1200

Acute Toxicity, Inhalation, category 4  
Serious Eye Damage, category 1  
Skin Corrosion, category 1B  
Skin Sensitizer, category 1

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

4.5% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Harmful if inhaled.

### Precautionary Statements - Prevention.

Do not breathe dust/fume/gas/mist/ vapors/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, protective clothing, eye protection, face protection

### Precautionary Statements - Response.

If swallowed: Rinse mouth. Do NOT induce vomiting.  
If on skin: Wash with plenty of water.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.

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.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

#### **Precautionary Statements - Storage.**

Store locked up.

#### **Precautionary Statements - Disposal.**

Dispose of contents in accordance with local, regional, national, international regulations.

### **3. Composition/Information on Ingredients**

| <u>Chemical Name</u>           | <u>CAS-No.</u> | <u>Wt. %</u> |
|--------------------------------|----------------|--------------|
| Sodium carbonate               | 497-19-8       | 25-50        |
| SODIUM TRIPOLYPHOSPHATE        | 7758-29-4      | 25-50        |
| Sodium Metasilicate            | 6834-92-0      | 2.5-10       |
| ALCOHOLS, C6 -C12, ETHOXYLATED | 68439-45-2     | 2.5-10       |
| 2-(2-BUTOXYETHOXY)ETHANOL      | 112-34-5       | 1.0-2.5      |
| Tetrasodium Pyrophosphate      | 7722-88-5      | 1.0-2.5      |
| D-limonene                     | 5989-27-5      | 0.1-1.0      |
| Alcohols, C10-14, ethoxylated  | 66455-15-0     | 0.1-1.0      |
| Phosphoric acid                | 7664-38-2      | 0.1-1.0      |

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

### **4. First-aid Measures**

#### **Description of first-aid measures.**

##### **General advice.**

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

##### **Inhalation.**

Move to fresh air.

##### **Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

##### **Eye contact.**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

##### **Ingestion.**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

##### **Symptoms.**

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

##### **Notes to physician.**

Treat symptomatically.

### **5. Fire-fighting Measures**

#### **Extinguishing media.**

##### **Suitable extinguishing media.**

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

##### **Extinguishing media which shall not be used for safety reasons.**

High volume water jet.

#### **Special hazards arising from the substance or mixture.**

No information available.

#### **Advice 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.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

#### **Advice for emergency responders.**

Use personal protection recommended in Section 8.

### Environmental precautions.

Prevent product from entering drains. See Section 12 for additional Ecological information.

### Methods and materials for containment and cleaning up.

#### **Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

#### **Methods for cleaning up.**

Use personal protective equipment as required.

### Reference to other sections.

See section 8 for more information.

## 7. Handling and Storage

### Conditions for safe storage, including any incompatibilities.

#### **Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

#### **Hygiene measures.**

See section 7 for more information.

#### **Storage Conditions.**

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

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u>      | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|---------------------------|----------------------|-----------------------|---------------------|-------------------------|
| 2-(2-BUTOXYETHOXY)ETHANOL | 10 ppm               | N.E.                  | N.E.                | N.E.                    |
| Phosphoric acid           | 1 mg/m <sup>3</sup>  | 3 mg/m <sup>3</sup>   | 1 mg/m <sup>3</sup> | N.E.                    |

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

#### **Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

#### **Personal protective equipment.**

##### **Eye/Face Protection.**

Safety glasses with side-shields.

##### **Skin and body protection.**

Wear suitable protective clothing.

##### **Respiratory protection.**

In case of insufficient ventilation wear suitable respiratory equipment.

## 9. Physical and chemical properties.

### Information on basic physical and chemical properties.

|   |                         |
|---|-------------------------|
| Physical state                            | Powder                  |
| Appearance                                | Powder                  |
| Color                                     | Light Yellow            |
| Odor                                      | Citrus                  |
| Odor Threshold                            | No Information          |
| pH  | 11.4 (1% solution)      |
| Melting/freezing point., °C (°F)          | No Information          |
| Flash Point., °C (°F)                     | No Information          |
| Boiling point/boiling range., °C (°F)     | 100 - 489 (212 - 912.2) |
| Evaporation rate                          | No Information          |
| Explosive properties.                     | No Information          |
| Vapor pressure.                           | No Information          |
| Vapor density.                            | No Information          |
| Specific Gravity. (g/cm <sup>3</sup> )    | 0.800                   |
| Water solubility.                         | Soluble                 |
| Partition coefficient.                    | No Information          |
| Autoignition temperature., °C             | No Information          |
| Decomposition Temperature °C.             | No Information          |
| Viscosity, kinematic.                     | No Information          |
| <b>Other information.</b>                 |                         |
| Volatile organic compounds (VOC) content. | 0%                      |
| Density, lb/gal                           | No Information          |

## 10. Stability and Reactivity

### Reactivity.

Stable under normal conditions.

### Chemical stability.

Stable under recommended storage conditions.

### Possibility of hazardous reactions.

None known based on information supplied.

### Conditions to Avoid.

None known.

### Incompatible Materials.

None known based on information supplied.

### Hazardous Decomposition Products.

None known.

## 11. Toxicological Information

### Information on toxicological effects.

#### Acute toxicity.

#### Product Information

No Information

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

|                                 |               |
|---------------------------------|---------------|
| ATEmix (oral)                   | 6,124.5 mg/kg |
| ATEmix (dermal)                 | 4,559.4 mg/kg |
| ATEmix (inhalation - dust/mist) | 2.05 mg/l     |

#### Component Information.

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>LD50 Oral</u> | <u>LD50 Dermal</u> | <u>LC50 Inhalation</u>     |
|----------------|----------------------|------------------|--------------------|----------------------------|
| 497-19-8       | Sodium carbonate     | 4090 mg/kg Rat   | 2002               | 0.8 mg/l Guinea pig (Dust) |

|            |                                |                            |                    |      |
|------------|--------------------------------|----------------------------|--------------------|------|
| 6834-92-0  | Sodium Metasilicate            | 1153 mg/kg Rat             | N.I.               | N.I. |
| 68439-45-2 | ALCOHOLS, C6 -C12, ETHOXYLATED | N.I.                       | 2500               | N.I. |
| 112-34-5   | 2-(2-BUTOXYETHOXY)ETHANOL      | 5660 mg/kg Rat             | 2700 mg/kg Rabbit  | N.I. |
| 7722-88-5  | Tetrasodium Pyrophosphate      | 1000 - 3000 mg/kg Rat      | N.I.               | N.I. |
| 5989-27-5  | D-limonene                     | 5200 mg/kg, 4400 mg/kg Rat | >5000 mg/kg Rabbit | N.I. |
| 7664-38-2  | Phosphoric acid                | 1530 mg/kg Rat             | 2740 mg/kg Rabbit  | N.I. |

N.I. = No Information

**Skin corrosion/irritation.**

SKIN IRRITANT.

**Eye damage/irritation.**

No Information

**Respiratory or skin sensitization.**

No Information

**Ingestion.**

No Information

**Germ cell mutagenicity.**

No Information

**Carcinogenicity.**

No Information

**CAS-No.**

**Chemical Name**

**IARC**

**NTP**

**OSHA**

5989-27-5

D-limonene

IARC Group 3

-

-

**Reproductive toxicity.**

No Information

**Specific target organ systemic toxicity (single exposure).**

No Information

**Specific target organ systemic toxicity (repeated exposure).**

No Information

**Aspiration hazard.**

No Information

**Primary Route(s) of Entry**

No Information

## 12. Ecological Information

**Toxicity.**

43.97% of the mixture consists of ingredient(s) of unknown aquatic toxicity

**Ecotoxicity effects.**

| Chemical Name                             | Toxicity to algae                           | Toxicity to fish  | Toxicity to daphnia and other aquatic invertebrates |
|---|---|---|---|
| Sodium carbonate<br>497-19-8              | -   | LC50 96 h Lepomis macrochirus 300 mg/L, LC50 96 h Pimephales promelas 310 - 1220 mg/L   | EC50 48 h Daphnia magna 265 mg/L                    |
| Sodium Metasilicate<br>6834-92-0          | -   | LC50 96 h Brachydanio rerio 210 mg/L, LC50 96 h Brachydanio rerio 210 mg/L              | -   |
| 2-(2-BUTOXYETHOXY)<br>ETHANOL<br>112-34-5 | EC50 96 h Desmodesmus subspicatus >100 mg/L | LC50 96 h Lepomis macrochirus 1300 mg/L   | EC50 48 h Daphnia magna >100 mg/L                   |
| D-limonene<br>5989-27-5                   | -   | LC50 96 h Pimephales promelas 0.619 - 0.796 mg/L, LC50 96 h Oncorhynchus mykiss 35 mg/L | -   |

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

| <u>CAS-No.</u> | <u>Chemical Name</u>      | <u>log POW</u> |
|----------------|---------------------------|----------------|
| 112-34-5       | 2-(2-BUTOXYETHOXY)ETHANOL | 1              |
| 5989-27-5      | D-limonene                | 4.38           |

**Mobility in soil.**

No information

**Other adverse effects.**

No information

**13. Disposal Considerations****Waste Disposal Guidance.**

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

**14. Transport Information****DOT**

Shipping Name: Not regulated

**IMDG**

Hazard Class: Not regulated

**IATA**

Proper Shipping Name: not regulated

**15. Regulatory Information****International Inventories:**

|               |   |
|---------------|---|
| TSCA          | Complies  |
| DSL           | Complies  |
| DSL/NDSL      | Complies  |
| EINECS/ELINCS | -   |
| ENCS          | -   |
| IECSC         | -   |
| KECI          | -   |
| PICCS         | -   |
| AIIC          | -   |
| NZIoC         | -   |
| TCSI          |   |
| TSCA          | United States Toxic Substances Control Act Section 8(b) Inventory.                                |
| DSL           | Canadian Domestic Substances List.  |
| DSL/NDSL      | Canadian Domestic Substances List/Canadian 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.                                       |
| AIIC          | Australian Inventory of Chemical Substances.  |
| NZIoC         | New Zealand Inventory of Chemicals.   |
| TCSI          | Taiwan Chemical Substance Inventory   |

**U.S. Federal Regulations:**

**SARA SECTION 313:**

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

**TOXIC SUBSTANCES CONTROL ACT 12(b):**

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

**ADDITIONAL INFORMATION**

Additional Information - Sxn 15: No Information

**CALIFORNIA PROPOSITION 65 CARCINOGENS****WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

**Chemical Name**

Ethylene oxide  
1,4-DIOXANE

**CAS-No.**

75-21-8  
123-91-1

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS****WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

**Chemical Name**

Ethylene oxide

**CAS-No.**

75-21-8

**16. Other Information**

**Revision Date:** 5/7/2025 **Supersedes Date:** 5/7/2025

**Reason for revision:** Product Composition Changed  
Substance and/or Product Properties Changed in Section(s):  
02 - Hazards Identification  
11 - Toxicological Information  
Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

|                |   |                      |   |                         |   |                             |   |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|
| <b>Health:</b> | 3 | <b>Flammability:</b> | 0 | <b>Physical Hazard:</b> | 0 | <b>Personal Protection:</b> | B |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|

**NFPA Ratings:**

|                |   |                      |   |                     |   |                                 |   |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|---|
| <b>Health:</b> | 3 | <b>Flammability:</b> | 0 | <b>Instability:</b> | 0 | <b>Physical &amp; Chemical:</b> | - |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|---|

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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