



# Safety Data Sheet

## 1. Identification

**Product Information.** 104437, 116331, 104130

**Product Name:** EnzAll

**Recommended Use.** Professional Carpet Cleaning

**Uses advised against.** Professional Use Only

**Supplier.** Legend Brands  
Chemspec  
15180 Josh Wilson Road  
Burlington, WA 98233  
E-Mail: sds@legendbrands.com  
800-932-3030

Legend Brands  
4520 Eastgate Parkway  
Mississauga, ON L4W 3W6  
800-932-3030

**Emergency telephone number.** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. Hazards Identification

**GHS Classification in accordance with 29 CFR 1910.1200**

Acute Tox. 4 Inhalation, Eye Dam. 1

**GHS Pictograms**



**Signal Word**

Danger

**Unknown Acute Toxicity**

1.5% of the mixture consists of ingredients of unknown acute toxicity

**HAZARD STATEMENTS**

Causes serious eye damage.

Harmful if inhaled.

**Precautionary Statements - Prevention.**

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response.**

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/doctor.

### 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
SODIUM TRIPOLYPHOSPHATE	7758-29-4	50-75
Sodium carbonate	497-19-8	10-25
Alcohols, C10-14, ethoxylated	66455-15-0	10-25
Tetrasodium Pyrophosphate	7722-88-5	1.0-2.5
Ethoxylated C12-16 Alcohols	68551-12-2	1.0-2.5
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. Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

##### **Inhalation.**

Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is required.

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

If skin irritation persists, call a physician. 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. Call a physician immediately. 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.**

Water spray. Dry powder. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO<sub>2</sub>).

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

High volume water jet.

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

Hazardous decomposition products formed under fire conditions.

#### 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 further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. 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. Use personal protective equipment. Remove all sources of ignition.

#### **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. Store in original container.

## 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>
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.

**Hygiene measures.**

See section 7 for more information.

## 9. Physical and chemical properties.

### Information on basic physical and chemical properties.

Physical state	Solid
Appearance	Powder
Color	Off-white
Odor	Downey-like
Odor Threshold	No Information
pH	10.36
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	No Information
Boiling point/boiling range., °C (°F)	86 - 302 (186.8 - 575.6)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	0.730
Water solubility.	Soluble in water
Partition coefficient.	No Information
Autoignition temperature., °C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	No Information

### Other information.

Volatile organic compounds (VOC) content.	<0.2%
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.

Direct sources of heat.

### Incompatible Materials.

None known based on information supplied.

### Hazardous Decomposition Products.

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 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)	18,482.6 mg/kg
ATEmix (dermal)	14,300.0 mg/kg
ATEmix (inhalation - dust/mist)	3.93 mg/l

##### Component Information.

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
7758-29-4	SODIUM TRIPOLYPHOSPHATE	0.000	N.I.	0.000 (Gas/Mist)
497-19-8	Sodium carbonate	0.000	2002	0.8 mg/l Guinea pig (Dust)
66455-15-0	Alcohols, C10-14, ethoxylated	0.000	N.I.	0.000 (Gas/Mist)
7722-88-5	Tetrasodium Pyrophosphate	0.000	N.I.	0.000 (Gas/Mist)
68551-12-2	Ethoxylated C12-16 Alcohols	0.000	N.I.	0.000 (Gas/Mist)
7664-38-2	Phosphoric acid	0.000	2740 mg/kg Rabbit	0.000 (Gas/Mist)

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

#### 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.

79.82500 % of mixture consists of components of unknown hazards to the aquatic environment.

### Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium carbonate 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

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

**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.

No Information

## 14. Transport Information

**DOT** No Information

**IMDG** No Information

**IATA** No Information

## 15. Regulatory Information

**International Inventories:**

**TSCA** Complies

**DSL** Complies

**EINECS/ELINCS** -

**ENCS** -

**IECSC** -

**KECI** -

**PICCS** -

**AICS** -

**NZIoC** -

**TCSI**

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

**DSL** Canadian 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.

**NZIoC** New Zealand Inventory of Chemicals.

**TCSI** Taiwan Chemical Substance Inventory

**U.S. Federal Regulations:**

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

No Sara 313 components exist in this product.

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

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:.

No TSCA 12(b) components are present in this product.

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

No Proposition 65 Carcinogens exist in this product.

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

No Proposition 65 Reproductive Toxins exist in this product.

**16. Other Information**

**Revision Date:** 10-17-2022 **Supersedes Date:** 5/3/2019

**Reason for revision:** No Information

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	0	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	X
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**NFPA Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	0	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	-
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**Notice:** Constituents of this product include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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