

Safety Data Sheet

1. Identification

| | |
|------------------------------------|---|
| Product Information. | 111195; 113407 |
| Product Name: | Professional Carpet Shampoo |
| 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 |
| 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

Flammable Liquid, category 4
Serious Eye Damage, category 1
Skin Sensitizer, category 1

GHS Pictograms



Signal Word

Danger

Unknown Acute Toxicity

7.4% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Combustible liquid.
May cause an allergic skin reaction.
Causes serious eye damage.

Precautionary Statements - Prevention.

Keep away from heat, sparks, open flames, hot surfaces. No smoking.
Wear protective gloves, protective clothing, eye protection, face protection

Precautionary Statements - Response.

If on skin: Wash with plenty of water.
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.
In case of fire: Use CO₂ dry chemical or foam to extinguish.

Precautionary Statements - Storage.

Store in a well-ventilated place. Keep cool.

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 (C14-16) OLEFIN SULFONATE | 68439-57-6 | 2.5-10 |
| TETRASODIUM EDTA | 64-02-8 | 2.5-10 |
| ALCOHOLS, C6 -C12, ETHOXYLATED | 68439-45-2 | 2.5-10 |
| 2-(2-BUTOXYETHOXY)ETHANOL | 112-34-5 | 2.5-10 |
| COCAMIDE DEA | 68603-42-9 | 1.0-2.5 |
| Citric acid | 77-92-9 | 1.0-2.5 |
| D-limonene | 5989-27-5 | 0.1-1.0 |
| propane-1,2,3-triol | 56-81-5 | 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. If not breathing, give artificial respiration.

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. Call a physician if irritation develops or persists. 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. Foam. Dry powder. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂).

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. Flash back possible over considerable distance.

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.

Remove all sources of ignition. 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. Keep away from sources of ignition - No smoking.

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> |
|---------------------------|----------------------|-----------------------|----------------------|-------------------------|
| 2-(2-BUTOXYETHOXY)ETHANOL | 10 ppm | N.E. | N.E. | N.E. |
| propane-1,2,3-triol | N.E. | N.E. | 15 mg/m ³ | 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 | Liquid |
| Appearance | Clear |
| Color | Yellow |
| Odor | Citrus |
| Odor Threshold | No Information |
| pH | 7.5 |
| Melting/freezing point., °C (°F) | No Information |
| Flash Point., °C (°F) | 87 (188.60) |
| Boiling point/boiling range., °C (°F) | 100 - 1,412 (212 - 2573.6) |
| Evaporation rate | No Information |
| Explosive properties. | No Information |
| Vapor pressure. | No Information |
| Vapor density. | No Information |
| Specific Gravity. (g/cm ³) | 1.046 |
| 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. | ~20% |
| 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.

Strong oxidizing agents.

Incompatible Materials.

None known based on information supplied.

Hazardous Decomposition Products.

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological Information

Information on toxicological effects.

Acute toxicity.

Product Information

| | | |
|-----------------------|--------------------------------|-------------------------|
| LD50 Oral OralLD50 | LD50 Dermal 35,033.00 mg/kg | LC50 Inhalation N.I. |
|-----------------------|--------------------------------|-------------------------|

Component Information.

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>LD50 Oral</u> | <u>LD50 Dermal</u> | <u>LC50 Inhalation</u> |
|----------------|----------------------------------|------------------|--------------------|------------------------|
| 68439-57-6 | SODIUM (C14-16) OLEFIN SULFONATE | 2220 mg/kg Rat | 6300 | N.I. |
| 64-02-8 | TETRASODIUM EDTA | 1658 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. |
| 68603-42-9 | COCAMIDE DEA | >10000 | N.I. | N.I. |
| 77-92-9 | Citric acid | 11700 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. |
| 56-81-5 | propane-1,2,3-triol | 27200 mg/kg Rat | >10000 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

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>IARC</u> | <u>NTP</u> | <u>OSHA</u> |
|----------------|----------------------|---------------|------------|-------------|
| 68603-42-9 | COCAMIDE DEA | IARC Group 2B | - | - |
| 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.

3.56% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

| <u>Chemical Name</u> | <u>Toxicity to algae</u> | <u>Toxicity to fish</u> | <u>Toxicity to daphnia and other aquatic invertebrates</u> |
|--|---|---|--|
| SODIUM (C14-16) OLEFIN SULFONATE 68439-57-6 | - | LC50 96 h Brachydanio rerio 1.0 - 10.0 mg/L, LC50 96 h Brachydanio rerio 12.2 mg/L | - |
| TETRASODIUM EDTA 64-02-8 | - | LC50 96 h Lepomis macrochirus 41 mg/L, LC50 96 h Pimephales promelas 59.8 mg/L | - |
| 2-(2-BUTOXYETHOXY) ETHANOL 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 |
| COCAMIDE DEA 68603-42-9 | - | LC50 96 h Brachydanio rerio 3.6 mg/L | - |
| Citric acid 77-92-9 | - | LC50 96 h Lepomis macrochirus 1516 mg/L | - |
| D-limonene 5989-27-5 | - | LC50 96 h Pimephales promelas 0.619 - 0.796 mg/L, LC50 96 h Oncorhynchus mykiss 35 mg/L | - |
| propane-1,2,3-triol 56-81-5 | - | LC50 96 h Oncorhynchus mykiss 51 - 57 mL/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> |
|-----------------------|----------------------------------|-----------------------|
| 68439-57-6 | SODIUM (C14-16) OLEFIN SULFONATE | -1.3 |
| 112-34-5 | 2-(2-BUTOXYETHOXY)ETHANOL | 1 |
| 77-92-9 | Citric acid | -1.72 |
| 5989-27-5 | D-limonene | 4.38 |
| 56-81-5 | propane-1,2,3-triol | -1.75 |

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

Proper Shipping Name: Not regulated

IATA

Proper Shipping Name: Not regulated

15. Regulatory Information

International Inventories:

| | |
|---------------|----------|
| TSCA | Complies |
| DSL | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | - |
| ENCS | - |
| IECSC | Complies |
| KECI | Complies |
| PICCS | Complies |
| AIIC | Complies |
| NZIoC | Complies |
| TCSI | |

| | |
|----------------------|---|
| TSCA | United States Toxic Substances Control Act Section 8(b) Inventory. |
| DSL | Canadian Domestic Substances List. |
| DSL/NDL | 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. |
| AIC | 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 contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|--|----------------|
| 5-Chloro-2-methyl-4-isothiazolin-3-one | 26172-55-4 |
| 2-Methyl-2H-isothiazol-3-one | 2682-20-4 |

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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| COCAMIDE DEA | 68603-42-9 |
| Diethanolamine | 111-42-2 |
| 1,4-DIOXANE | 123-91-1 |
| Ethylene oxide | 75-21-8 |

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.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| METHANOL | 67-56-1 |
| Ethylene oxide | 75-21-8 |

16. Other Information

Revision Date: 1/23/2025 **Supersedes Date:** 7/25/2023

Reason for revision: Substance and/or Product Properties Changed in Section(s):
 01 - Product Information
 11 - Toxicological Information
 14 - Transportation Information
 15 - Regulatory Information
 Substance Chemical Name Changed
 Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

| | | | | | | | |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|
| Health: | 3 | Flammability: | 2 | Physical Hazard: | 0 | Personal Protection: | X |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|

NFPA Ratings:

| | | | | | | | |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|---|
| Health: | 3 | Flammability: | 2 | Instability: | 0 | Physical & Chemical: | - |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|---|

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

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.