

# Safety Data Sheet

## 1. Identification

Product Information.	B125
Product Name:	DUO - Dual Action Deodorizer
Recommended Use.	Professional Carpet Cleaning
Uses advised against.	Professional Use Only
Supplier.	Legend Brands Prochem 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

Reproductive Toxicity, category 2

Skin Sensitizer, category 1

### GHS Pictograms



### Signal Word

Warning

### Unknown Acute Toxicity

4.3% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

### Precautionary Statements - Prevention.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection, face protection

### Precautionary Statements - Response.

If on skin: Wash with plenty of water.

If exposed or concerned: Get medical advice/attention.

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

### 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>
Quaternary ammonium compounds, C12-14-alkyl [(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	2.5-10
Ethoxylated alcohols, C9-C11	68439-46-3	1.0-2.5
Ethanol	64-17-5	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. 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>
Ethanol	N.E.	1000 ppm	1000 ppm	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	Clear to straw
Odor	Floral
Odor Threshold	Not Established
pH	4.5 - 5.0
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	>94 (>201.20)
Boiling point/boiling range., °C (°F)	100 - 544 (212 - 1011.2)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information

Specific Gravity. (g/cm <sup>3</sup> )	0.996
Water solubility.	Soluble
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.	0.02% at 12 oz/gallon.
Density, lb/gal	8.310

## 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 (dermal) 54,117.6 mg/kg

**Component Information.**

<b><u>CAS-No.</u></b>	<b><u>Chemical Name</u></b>	<b><u>LD50 Oral</u></b>	<b><u>LD50 Dermal</u></b>	<b><u>LC50 Inhalation</u></b>
85409-23-0	Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	N.I.	2300 mg/kg Rabbit	N.I.
64-17-5	Ethanol	8300 mg/kg Rat	N.I.	116.9 mg/L, 133.8 mg/L Rat (Vapor)

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**

Skin Contact

**12. Ecological Information****Toxicity.**

5.75% 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
Ethanol 64-17-5	-	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L, LC50 96 h Pimephales promelas >100 mg/ L, LC50 96 h Pimephales promelas 13400 - 15100 mg/L	LC50 48 h Daphnia magna 9268 - 14221 mg/L, EC50 48 h Daphnia magna 2 mg/L

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

**CAS-No.**

64-17-5

**Chemical Name**

Ethanol

**log POW**

-0.35

**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**

Hazard Class: Not regulated

**IMDG**

Hazard Class: Not regulated

**IATA**

Not regulated

## 15. Regulatory Information

### International Inventories:

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

#### 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

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:** 5/10/2023 **Supersedes Date:** 5/5/2023

**Reason for revision:** Revision Description Changed  
 Product Composition Changed  
 Substance Hazardous Flag Changed  
 Substance Hazard Threshold % Changed  
 Substance and/or Product Properties Changed in Section(s):  
 01 - Product Information  
 02 - Hazards Identification  
 03 - Composition/Information on Ingredients  
 09 - Physical & Chemical Information  
 11 - Toxicological Information  
 12 - Ecological Information  
 15 - Regulatory Information  
 16 - Other Information  
 Substance CAS Number Changed  
 Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

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

<b>Health:</b>	0	<b>Flammability:</b>	0	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	-
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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