

# Safety Data Sheet

## 1. Identification

<b>Product Information.</b>	120054/116412
<b>Product Name:</b>	Urine Contamination Treatment
<b>Recommended Use.</b>	Professional Carpet Cleaning
<b>Uses advised against.</b>	Professional Use Only
<b>Supplier.</b>	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
<b>Emergency telephone number.</b>	INFOTRAC 1-800-535-5053 (North America) +1-352-323-3500 (International)

## 2. Hazards Identification

Classification in accordance with the Workplace Hazardous Materials Information System (WHMIS) 2015 based on the Hazardous Products Regulations (HPR).

Acute Toxicity, Dermal, category 4  
Eye Irritation, category 2A  
Reproductive Toxicity, category 1B

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

< 0.1% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Harmful in contact with skin.

Causes serious eye irritation.

May damage fertility or the unborn child.

### Precautionary Statements - Prevention.

Obtain special instructions before use.

Wash face, hands and any exposed skin thoroughly after handling.

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

### Precautionary Statements - Response.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

Specific treatment (If applicable, see any additional instructions on the label).

If eye irritation persists: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse.

#### Precautionary Statements - Storage.

Store locked up.

#### Precautionary Statements - Disposal.

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

### 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>HMIRA</u>
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	7-13	
SODIUM (C14-16) OLEFIN SULFONATE	68439-57-6	3-7	
Propylene glycol	57-55-6	1-5	
Dipropylene Glycol Butyl Ether	29911-28-2	1-5	
alpha-terpineol	98-55-5	0.5-1.5	
Benzyl alcohol	100-51-6	0.1-1.0	
Orange Oil	8008-57-9	0.1-1.0	
Benzyl acetate	140-11-4	0.1-1.0	
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	119-36-8	0.1-1.0	
4-ALLYL-2-METHOXYPHENOL	97-53-0	0.1-1.0	
Benzyl Salicylate	118-58-1	0.1-1.0	
alpha-Methylcinnamaldehyde	101-39-3	0.1-1.0	
Butylated hydroxytoluene (BHT)	128-37-0	0.1-1.0	

### 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.
Benzyl acetate	10 ppm	N.E.	N.E.	N.E.
Butylated hydroxytoluene (BHT)	2 mg/m <sup>3</sup>	N.E.	N.E.	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 liquid
Color	gold
Odor	Floral
Odor Threshold	No Information
pH	7.5
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	94 (201.20)
Boiling point/boiling range., °C (°F)	100 - 1,461 (212 - 2661.8)
Evaporation rate	No Information
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	1.012
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.	0.45%
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

**LD50 Oral**  
4,463.00 mg/kg

**LD50 Dermal**  
1,076.00 mg/kg

**LC50 Inhalation (Vapor)**  
1,480.00 mg/l

##### Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.I.
68439-57-6	SODIUM (C14-16) OLEFIN SULFONATE	2220 mg/kg Rat	6300	N.I.
57-55-6	Propylene glycol	20000 mg/kg Rat	20800 mg/kg Rabbit	N.I.
98-55-5	alpha-terpineol	5170 mg/kg Rat	>2000 mg/kg Rat	N.I.
100-51-6	Benzyl alcohol	1230	N.I.	8.8 (Vapor)
8008-57-9	Orange Oil	4400	>5000 mg/kg Rabbit	N.I.
140-11-4	Benzyl acetate	2490	N.I.	N.I.
119-36-8	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	887	N.I.	N.I.
97-53-0	4-ALLYL-2-METHOXYPHENOL	1930	N.I.	N.I.
118-58-1	Benzyl Salicylate	2227	14150	N.I.
128-37-0	Butylated hydroxytoluene (BHT)	890	N.I.	N.I.
101-39-3	alpha-Methylcinnamaldehyde	2050	N.I.	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>
140-11-4	Benzyl acetate	IARC Group 3	-	-
97-53-0	4-ALLYL-2-METHOXYPHENOL	IARC Group 3	-	-
128-37-0	Butylated hydroxytoluene (BHT)	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.

2.68% 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
2-(2-BUTOXYETHOXY) ETHANOL 112-34-5	EC50 96 h <i>Desmodesmus subspicatus</i> >100 mg/L	LC50 96 h <i>Lepomis macrochirus</i> 1300 mg/L	EC50 48 h <i>Daphnia magna</i> >100 mg/L
SODIUM (C14-16) OLEFIN SULFONATE 68439-57-6	-	LC50 96 h <i>Brachydanio rerio</i> 1.0 - 10.0 mg/L, LC50 96 h <i>Brachydanio rerio</i> 12.2 mg/L	-
Propylene glycol 57-55-6	EC50 96 h <i>Pseudokirchneriella subcapitata</i> 19000 mg/L	LC50 96 h <i>Oncorhynchus mykiss</i> 51600 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 41 - 47 mL/L, LC50 96 h <i>Pimephales promelas</i> 51400 mg/L, LC50 96 h <i>Pimephales promelas</i> 710 mg/L	EC50 48 h <i>Daphnia magna</i> >1000 mg/L
Dipropylene Glycol Butyl Ether 29911-28-2	-	LC50 96 h <i>Poecilia reticulata</i> 841 mg/L	-
Benzyl alcohol 100-51-6	-	LC50 96 h <i>Pimephales promelas</i> 460 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 10 mg/L	EC50 48 h water flea 23 mg/L
4-ALLYL-2-METHOXYPHENOL 97-53-0	-	LC50 96 h <i>Danio rerio</i> 13 mg/L	-
Benzyl Salicylate 118-58-1	-	LC50 96 h <i>Danio rerio</i> 1.03 mg/L	-
Butylated hydroxytoluene (BHT) 128-37-0	EC50 72 h <i>Pseudokirchneriella subcapitata</i> 6 mg/L, EC50 72 h <i>Desmodesmus subspicatus</i> >0.42 mg/L	-	-

### Persistence and degradability.

No data are available on the product itself.

### Bioaccumulative potential.

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	log POW
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	1
68439-57-6	SODIUM (C14-16) OLEFIN SULFONATE	-1.3
57-55-6	Propylene glycol	-1.07
100-51-6	Benzyl alcohol	1.05
140-11-4	Benzyl acetate	1.96
119-36-8	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	2.55
97-53-0	4-ALLYL-2-METHOXYPHENOL	1.83
118-58-1	Benzyl Salicylate	4
128-37-0	Butylated hydroxytoluene (BHT)	5.1

### 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	-
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

**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class D2B

**16. Other Information**

Revision Date: 7/11/2023 Supersedes Date: 5/5/2023

Reason for revision: Substance and/or Product Properties Changed in Section(s):  
02 - Hazards Identification  
14 - Transportation Information  
15 - Regulatory Information  
Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

**HMIS Ratings:**

Health:	2	Flammability:	0	Physical Hazard:	N.I.	Personal Protection:	N.I.
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**NFPA Ratings:**

Health:	2	Flammability:	0	Instability:	N.I.	Physical & Chemical:	N.I.
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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.