

# Safety Data Sheet

## 1. Identification

<b>Product Information.</b>	B144 (101020)
<b>Product Name:</b>	Protein and Stain Spotter
<b>Recommended Use.</b>	Professional Carpet Cleaning
<b>Uses advised against.</b>	Professional Use Only
<b>Supplier.</b>	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
<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).

STOT, repeated exposure, category 1

### GHS Pictograms



**Signal Word**  
Danger

### Unknown Acute Toxicity

3.5% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Causes damage to organs through prolonged or repeated exposure.

#### Precautionary Statements - Prevention.

Do not breathe dust/fume/gas/mist/vapors/spray.

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

Do not eat, drink or smoke when using this product.

#### Precautionary Statements - Response.

Get medical advice/attention if you feel unwell.

#### 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>
SODIUM THIOSULFATE	7772-98-7	1-5	
Ethylene glycol monobutyl ether	111-76-2	1-5	
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	1-5	
ETHANOL, 2-AMINO-	141-43-5	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-TL STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Ethylene glycol monobutyl ether	20 ppm	N.E.	50 ppm	N.E.
2-(2-BUTOXYETHOXY)ETHANOL	10 ppm	N.E.	N.E.	N.E.
ETHANOL, 2-AMINO-	3 ppm	6 ppm	3 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	Colorless
Odor	Mint
Odor Threshold	No Information
pH	10.7
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	>94 (>201.20)
Boiling point/boiling range., °C (°F)	100 - 270 (212 - 518)
Evaporation rate	No Information
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	1.030
Water solubility.	Soluble
Partition coefficient.	

Autoignition temperature, °C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	No Information

**Other information.**

Volatile organic compounds (VOC) content.	3%
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) 15,932.2 mg/kg

ATEmix (dermal) 24,982.7 mg/kg

**Component Information.**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
7772-98-7	SODIUM THIOSULFATE	N.I.	2,000 mg/kg	N.I.
111-76-2	Ethylene glycol monobutyl ether	470	2000	N.I.
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.I.
141-43-5	ETHANOL, 2-AMINO-	1720 mg/kg Rat	1000 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.**

111-76-2

**Chemical Name**

Ethylene glycol monobutyl ether

**IARC**

IARC Group 3

**NTP**

-

**OSHA**

-

**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.**

3.50% 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
Ethylene glycol monobutyl ether 111-76-2	-	LC50 96 h Lepomis macrochirus 1490 mg/L, LC50 96 h Lepomis macrochirus 2950 mg/L	EC50 48 h Daphnia magna >1000 mg/L
2-(2-BUTOXYETHOXY) ETHANOL 112-34-5	EC50 96 h Desmodosmus subspicatus >100 mg/L	LC50 96 h Lepomis macrochirus 1300 mg/L	EC50 48 h Daphnia magna >100 mg/L
ETHANOL, 2-AMINO- 141-43-5	EC50 72 h Desmodosmus subspicatus 15 mg/L	LC50 96 h Pimephales promelas 227 mg/L, LC50 96 h Brachydanio rerio 3684 mg/L, LC50 96 h Lepomis macrochirus 300 - 1000 mg/L, LC50 96 h Oncorhynchus mykiss 114 - 196 mg/L, LC50 96 h Oncorhynchus mykiss >200 mg/L	EC50 48 h Daphnia magna 65 mg/L

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

**CAS-No.**

111-76-2

141-43-5

**Chemical Name**

Ethylene glycol monobutyl ether

ETHANOL, 2-AMINO-

**log POW**

0.81

-1.91

**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 -  
 KECI -  
 PICCS -  
 AICS -  
 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.  
 AICS 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****16. Other Information**

Revision Date: 6/25/2021 Supersedes Date: New SDS

Reason for revision: Periodic review

Datasheet produced by: Regulatory Department

**HMIS Ratings:**

Health:	0	Flammability:	1	Physical Hazard:	0	Personal Protection:	B
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**NFPA Ratings:**

Health:	0	Flammability:	1	Instability:	0	Physical & Chemical:	-
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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.