

**1. Identification**

<b>Product Information</b>	D488
<b>Product Name:</b>	Wide Range Cleaner
<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****GHS Classification in accordance with 29 CFR 1910.1200**

Skin Corr. 1

**GHS Pictograms****Signal Word**

Danger

**Unknown Acute Toxicity**

&lt; 1% of the mixture consists of ingredient(s) of unknown toxicity

**HAZARD STATEMENTS**

Causes severe skin burns and eye damage.

**Precautionary Statements - Prevention**

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

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

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

**Precautionary Statements - Response**

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

Wash contaminated clothing before reuse.

#### **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>
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	2.5-10
TRISODIUM NTA	5064-31-3	2.5-10
Surfactant blend	CHEM-RSF044	2.5-10
Sodium Metasilicate	6834-92-0	1.0-2.5
Trisodium Phosphate anhydrous	7601-54-9	0.1-1.0
Ethylene glycol monobutyl ether	111-76-2	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.

##### **Inhalation**

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

##### **Skin contact**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Call a physician immediately.

##### **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**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

##### **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**

No Information

#### **Advice for emergency responders**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist. 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.

#### **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. Wash hands before breaks and immediately after handling the product.

#### **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**

<b>Chemical Name</b>	<b>ACGIH TLV-TWA</b>	<b>ACGIH-TLV STEL</b>	<b>OSHA PEL-TWA</b>	<b>OSHA PEL-CEILING</b>
2-(2-BUTOXYETHOXY)ETHANOL	10 ppm	N.E.	N.E.	N.E.
Ethylene glycol monobutyl ether	20 ppm	N.E.	50 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**

Ensure adequate ventilation, especially in confined areas. Showers, eyewash stations, and ventilation systems.

#### **Personal protective equipment**

##### **Eye/Face Protection**

Safety glasses with side-shields.

#### Skin and body protection

Wear impervious rubber clothing if needed to prevent contact with liquid material. 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	Liquid
Appearance	Clear
Color	Blue
Odor	Solvent
Odor Threshold	No Information
pH	13.2
Melting/freezing point, °C (°F)	No Information
Flash Point, °C (°F)	>94 (>201.2)
Boiling point/boiling range, °C (°F)	1,390 (2534)
Evaporation rate	No Information Available
Explosive properties	No Information
Vapor pressure	No Information
Vapor density	No Information
Specific Gravity (g/cm <sup>3</sup> )	1.060
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	0.1% at 32 oz/gallon
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

Aldehydes. Ketones. Sodium hypochlorite. Acids. Alcohols. Oxidizing agents.

**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)	21,088.573792 mg/kg
ATEmix (dermal)	17,792.682921 mg/kg

**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.
5064-31-3	TRISODIUM NTA	1740 mg/kg	N.I.	N.I.
CHEM- RSF044	Surfactant blend	>2000 mg/kg Rat	1000-2000 mg/kg Rabbit	N.I.
6834-92-0	Sodium Metasilicate	1153 mg/kg Rat	N.I.	N.I.
7601-54-9	Trisodium Phosphate anhydrous	>2000 mg/kg Rat	7940 mg/kg ( Rabbit )	N.I.
111-76-2	Ethylene glycol monobutyl ether	470	2000	11 (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.**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**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

3.72192 % 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
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
TRISODIUM NTA 5064-31-3	-	LC50 96 h <i>Pimephales promelas</i> 93 - 170 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 175 - 225 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 252 mg/L, LC50 96 h <i>Pimephales promelas</i> 470 mg/L, LC50 96 h <i>Oryzias latipes</i> 560 - 1000 mg/L, LC50 96 h <i>Oryzias latipes</i> 560 - 1000 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 72 - 133 mg/L, LC50 96 h <i>Poecilia reticulata</i> 560 - 1000 mg/L, LC50 96 h <i>Poecilia reticulata</i> 560 - 1000 mg/L, LC50 96 h <i>Pimephales promelas</i> 114 mg/L	LC50 48 h <i>Daphnia magna</i> 560 - 1000 mg/L
Sodium Metasilicate 6834-92-0	-	LC50 96 h <i>Brachydanio rerio</i> 210 mg/L, LC50 96 h <i>Brachydanio rerio</i> 210 mg/L	-
Ethylene glycol monobutyl ether 111-76-2	-	LC50 96 h <i>Lepomis macrochirus</i> 1490 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 2950 mg/L	EC50 48 h <i>Daphnia magna</i> >1000 mg/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>
111-76-2	Ethylene glycol monobutyl ether	0.81

### 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

**Shipping Name:** Limited Quantity in gallons only  
Corrosive liquids, n.o.s., (Sodium metasilicate)

**Hazard Class:** 8

**UN/NA Number:** UN1760

**Packing Group:** III

**IMDG** -

**Proper Shipping Name:** Limited Quantity in gallons only  
Corrosive liquids, n.o.s., (Sodium metasilicate)

**Hazard Class:** 8

**UN Number:** UN1760

**Packing Group:** III

**IATA** Air transport is not recommended

## 15. Regulatory Information

### International Inventories:

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>KECI</b>	-
<b>PICCS</b>	-
<b>AICS</b>	-
<b>NZIoC</b>	-

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory
<b>DSL</b>	Canadian Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>NZIoC</b>	New Zealand Inventory of Chemicals
<b>TCSI</b>	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****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>
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>
Ethylene oxide	75-21-8

**16. Other Information**

<b>Revision Date:</b>	11/30/2018	<b>Supersedes Date:</b>	New SDS
<b>Reason for revision:</b>	Periodic review		
<b>Datasheet produced by:</b>	Regulatory Department		

**HMIS Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	1	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	B
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**NFPA Ratings:**

<b>Health:</b>	3	<b>Flammability:</b>	1	<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

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.