

**1. Identification**

<b>Product Information</b>	S773
<b>Product Name:</b>	Axiom Clean Extraction Detergent
<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**

Eye Dam. 1

**GHS Pictograms**



**Signal Word**

Danger

**Unknown Acute Toxicity**

8.9% of the mixture consists of ingredients of unknown acute toxicity

**HAZARD STATEMENTS**

Causes serious eye damage.

**Precautionary Statements - Prevention**

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

**Precautionary Statements - Response**

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.

**3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
1-OCTANESULFONIC ACID, SODIUM SALT	5324-84-5	2.5-10
Alcohols, C10-14, ethoxylated	66455-15-0	2.5-10
Dipropylene glycol monomethyl ether	34590-94-8	2.5-10
Anionic polymers	CHEM- RSF051-1	1.0-2.5
Ethoxylated C12-16 Alcohols	68551-12-2	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. Immediate medical attention is required.

#### **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. 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. Dry powder. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO<sub>2</sub>).

#### **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. 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.

#### **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><u>Chemical Name</u></b>	<b><u>ACGIH TLV-TWA</u></b>	<b><u>ACGIH-TLV STEL</u></b>	<b><u>OSHA PEL-TWA</u></b>	<b><u>OSHA PEL-CEILING</u></b>
Dipropylene glycol monomethyl ether	100 ppm	150 ppm	100 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.

#### **Hygiene measures**

See section 7 for more information.

## **9. Physical and chemical properties**

### **Information on basic physical and chemical properties**

Physical state

Liquid

<b>Appearance</b>	Clear
<b>Color</b>	Kelly Green
<b>Odor</b>	Floral-herbal
<b>Odor Threshold</b>	No Information
<b>pH</b>	8.8
<b>Melting/freezing point, °C (°F)</b>	No Information
<b>Flash Point, °C (°F)</b>	>94 (>201.2)
<b>Boiling point/boiling range, °C (°F)</b>	190 (374)
<b>Evaporation rate</b>	No Information Available
<b>Explosive properties</b>	No Information
<b>Vapor pressure</b>	No Information
<b>Vapor density</b>	No Information
<b>Specific Gravity (g/cm<sup>3</sup>)</b>	1.112
<b>Water solubility</b>	Soluble
<b>Partition coefficient</b>	No Information
<b>Autoignition temperature, °C</b>	No Information
<b>Decomposition Temperature °C</b>	No Information
<b>Viscosity, kinematic</b>	No Information

**Other information**

<b>Volatile organic compounds (VOC) content</b>	0.0259% at 4 oz./5 gallons
<b>Density, lb/gal</b>	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**

None known based on information supplied

**Hazardous Decomposition Products**

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 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) 106,666.666667 mg/kg

##### Component Information

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
34590-94-8	Dipropylene glycol monomethyl ether	5400 uL/kg	9500 mg/kg Rabbit	N.I.
CHEM- RSF051-1	Anionic polymers	11000	2000	1417 (Vapor)

N.I. = No Information

#### Skin corrosion/irritation.

No Information

#### Eye damage/irritation.

No Information

#### Respiratory or skin sensitization.

No Information

#### Ingestion.

No Information

#### Germ cell mutagenicity.

Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice

#### 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

13.18000 % 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
Dipropylene glycol monomethyl ether 34590-94-8	-	LC50 96 h Pimephales promelas >10000 mg/L	LC50 48 h Daphnia magna 1919 mg/L

### Persistence and degradability

No data are available on the product itself.

### Bioaccumulative potential

Discharge into the environment must be avoided.

<b>CAS-No.</b>	<b>Chemical Name</b>	<b>log POW</b>
34590-94-8	Dipropylene glycol monomethyl ether	-0.064

**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**

Hazard Class: Not regulated

**IMDG**

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Hazard Class: Not regulated

**IATA**

Not regulated

**15. Regulatory Information****International Inventories:**

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

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian 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

**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:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
Isopropyl alcohol	67-63-0	0.1-1.0

**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>
Formaldehyde	50-00-0

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

No Proposition 65 Reproductive Toxins exist in this product.

**16. Other Information**

<b>Revision Date:</b>	1/7/2019	<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.

