

# Safety Data Sheet

## 1. Identification

**Product Information.** S773

**Product Name:** Axiom Clean Extraction Detergent

**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**

Eye Dam. 1

**GHS Pictograms**



**Signal Word**

Danger

**Unknown Acute Toxicity**

22.0% of the mixture consists of ingredient(s) 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> |
|-------------------------------------|--------------------|--------------|
| sodium citrate                      | 68-04-2            | 2.5-10       |
| 1-OCTANESULFONIC ACID, SODIUM SALT  | 5324-84-5          | 2.5-10       |
| Ethoxylated Alcohol Mixture         | NJ TSRN CS<br>1274 | 2.5-10       |
| Dipropylene glycol monomethyl ether | 34590-94-8         | 2.5-10       |
| Anionic polymers                    | mixture            | 1.0-2.5      |
| Isopropyl alcohol                   | 67-63-0            | 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> |
|-------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| Dipropylene glycol monomethyl ether | 100 ppm              | 150 ppm               | 100 ppm             | N.E.                    |
| Isopropyl alcohol                   | 200 ppm              | 400 ppm               | 400 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                                  | Kelly Green            |
| Odor                                   | Floral-herbal          |
| Odor Threshold                         | No Information         |
| pH                                     | 9.2                    |
| Melting/freezing point., °C (°F)       | No Information         |
| Flash Point., °C (°F)                  | >94 (>201.20)          |
| Boiling point/boiling range., °C (°F)  | 83 - 190 (181.4 - 374) |
| Evaporation rate                       | No Information         |
| Explosive properties.                  | No Information         |
| Vapor pressure.                        | No Information         |
| Vapor density.                         | No Information         |
| Specific Gravity. (g/cm <sup>3</sup> ) | 1.100                  |
| 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. | 0.0259% at 4 oz./5 gallons |
| 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) 23,391.8 mg/kg

ATEmix (dermal) 20,682.5 mg/kg

##### Component Information.

| <u>CAS-No.</u>     | <u>Chemical Name</u>                | <u>LD50 Oral</u>   | <u>LD50 Dermal</u>      | <u>LC50 Inhalation</u> |
|--------------------|-------------------------------------|--------------------|-------------------------|------------------------|
| 68-04-2            | sodium citrate                      | 6500 mg/kg         | > 5 g / kg              | N.I.                   |
| NJ TSRN CS<br>1274 | Ethoxylated Alcohol Mixture         | 1000-2000 mg/kg    | 2000 mg/kg              | >1600 mg/l (Vapor)     |
| 34590-94-8         | Dipropylene glycol monomethyl ether | 5400 uL/kg         | 9500 mg/kg<br>Rabbit    | N.I.                   |
| mixture            | Anionic polymers                    | 11000              | 2000                    | 1417 (Vapor)           |
| 67-63-0            | Isopropyl alcohol                   | 5840 mg/kg ( Rat ) | 13,900 mg/kg ( Rabbit ) | N.I.                   |

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.

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

No Information

## 12. Ecological Information

### Toxicity.

13.18% of the mixture consists of ingredient(s) of unknown aquatic toxicity

### Ecotoxicity effects.

| <u>Chemical Name</u>      | <u>Toxicity to algae</u> | <u>Toxicity to fish</u>                             | <u>Toxicity to daphnia and other aquatic invertebrates</u> |
|---------------------------|--------------------------|---|--|
| sodium citrate<br>68-04-2 | -                        | LC50 96 h Poecilia reticulata<br>18000 - 32000 mg/L | EC50 48 h Daphnia magna 5600<br>- 10000 mg/L               |

|   |   |   |                                       |
|---|---|---|---------------------------------------|
| Dipropylene glycol monomethyl ether<br>34590-94-8 | -   | LC50 96 h Pimephales promelas<br>>10000 mg/L  | LC50 48 h Daphnia magna 1919<br>mg/L  |
| Isopropyl alcohol<br>67-63-0                      | EC50 96 h Desmodemus<br>subspicatus >1000 mg/L, EC50<br>72 h Desmodemus subspicatus<br>>1000 mg/L | LC50 96 h Pimephales promelas<br>9640 mg/L, LC50 96 h<br>Pimephales promelas 11130 mg/<br>L, LC50 96 h Lepomis<br>macrochirus >1400000 µg/L | EC50 48 h Daphnia magna<br>13299 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> |
|----------------|-------------------------------------|----------------|
| 34590-94-8     | Dipropylene glycol monomethyl ether | -0.064         |
| 67-63-0        | Isopropyl alcohol                   | 0.05           |

**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          |          |

|                      |   |
|----------------------|---|
| <b>TSCA</b>          | United States Toxic Substances Control Act Section 8(b) Inventory.                                |
| <b>DSL</b>           | Canadian Domestic Substances List.  |
| <b>DSL/NDL</b>       | Canadian Domestic Substances List/Canadian Non-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: .

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 contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:.

| <u>Chemical Name</u>                   | <u>CAS-No.</u> |
|--|----------------|
| 5-Chloro-2-methyl-4-isothiazolin-3-one | 26172-55-4     |
| 2-Methyl-2H-isothiazol-3-one           | 2682-20-4      |

### 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

|                               |                       |                         |         |
|-------------------------------|-----------------------|-------------------------|---------|
| <b>Revision Date:</b>         | 11/7/2019             | <b>Supersedes Date:</b> | New SDS |
| <b>Reason for revision:</b>   | Formula revision      |                         |         |
| <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 |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|

### NFPA Ratings:

|                |   |                      |   |                     |   |                                 |   |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|---|
| <b>Health:</b> | 3 | <b>Flammability:</b> | 1 | <b>Instability:</b> | 0 | <b>Physical &amp; Chemical:</b> | - |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|---|

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.