

# SAFETY DATA SHEET



Revision Date 29-May-2015  
Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name PROFESSIONAL CARPET SHAMPOO  
Product code W.20330

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Professional Carpet Cleaning  
Restrictions on use Professional Use Only

### 1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands  
Chemspec  
15180 Josh Wilson Road  
Burlington, WA 98233  
800-932-3030

E-mail Address msds@chemspecworld.com

### 1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Carcinogenicity	Category 2
Flammable liquids	Category 4

### 2.2 Label elements

#### Signal Word

Warning

#### Hazard Statements

Suspected of causing cancer  
Combustible liquid

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity**

6.6054% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

**Substance**

Chemical Name	CAS-No	Weight %
SODIUM (C14-16) OLEFIN SULFONATE	68439-57-6	5 - 10
Alcohols, C6-C12, Ethoxylated, propoxylated	68937-66-6	1 - 5
COCAMIDE DEA	68603-42-9	1 - 5
Alcohols, C10-C16, ethoxylated, propoxylated	69227-22-1	1 - 5
propane-1,2,3-triol	56-81-5	< 1
Diethanolamine	111-42-2	< 1
Tetrasodium Pyrophosphate	7722-88-5	< 1

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

**4.1 Description of first-aid measures****General advice**

When symptoms persist or in all cases of doubt seek medical advice.

**Eye contact**

Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.

**Skin contact**

Wash off immediately with soap and plenty of water. Use a mild soap if available.

**Inhalation**

Move to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion** Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.

#### **4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

#### **4.3 Recommendations for immediate medical care and/or special treatment**

**Notes to physician** Treat symptomatically.

### **5. Fire-Fighting Measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

**Unsuitable Extinguishing Media** High volume water jet.

#### **5.2 Specific hazards arising from the substance or mixture**

##### **Special Hazard**

None known based on information supplied

**Hazardous Combustion Products** No information available.

##### **Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

#### **5.3 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**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

#### **6.2 Environmental precautions**

Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

#### **6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

### **7. Handling and storage**

#### **7.1 Precautions for safe handling**

**Advice on safe handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

**Hygiene measures** When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

**Materials to Avoid** Metals.

**8. Exposure controls/personal protection****8.1 Occupational Exposure Limits (OEL)**

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
propane-1,2,3-triol 56-81-5	-	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Diethanolamine 111-42-2	TWA: 1 mg/m <sup>3</sup> inhalable fraction and vapor S*	-	TWA: 2 mg/m <sup>3</sup> Skin	TWA: 2 mg/m <sup>3</sup> Skin	TWA: 3 ppm TWA: 13 mg/m <sup>3</sup> Skin	TWA: 1 mg/m <sup>3</sup> Skin
Tetrasodium Pyrophosphate 7722-88-5	-	-			TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

**8.2 Appropriate engineering controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**8.3 Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Long sleeved 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

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Yellow
Odor	Citrus
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	9.1-10.1	
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point	87 °C / 189 °F	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility		No information available
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

### 9.2 Other information

Volatile organic compounds (VOC) ~20%  
content

## 10. Stability and Reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Protect from frost, heat and sunlight.

### 10.5 Incompatible Materials

Metals.

### 10.6 Hazardous Decomposition Products

None known.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**Unknown Acute Toxicity** 6.6054% of the mixture consists of ingredient(s) of unknown toxicity

**Oral LD50** 7,423.00 mg/kg  
**Dermal LD50** 79,471.00 mg/kg

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM (C14-16) OLEFIN SULFONATE 68439-57-6	2310 mg/kg ( Rat )	= 6300 mg/kg ( Rabbit )	-
propane-1,2,3-triol 56-81-5	-	> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Diethanolamine 111-42-2	0.62 mL/kg ( Rat )	-	-
Tetrasodium Pyrophosphate 7722-88-5	1000 - 3000 mg/kg ( Rat )	-	-

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Eye damage/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Respiratory or skin sensitization

##### Product Information

- No information available

##### Component Information

- No information available

#### Germ Cell Mutagenicity

##### Product Information

- No information available

##### Component Information

- No information available

#### Carcinogenicity

##### Product Information

- The table below indicates whether each agency has listed any ingredient as a carcinogen

##### Component Information

Chemical Name	ACGIH	IARC	NTP	OSHA
COCAMIDE DEA 68603-42-9	-	Group 2B	-	
Diethanolamine	-	Group 2B	-	

111-42-2				
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**Reproductive toxicity**Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Other adverse effects**Target Organs

- No information available

Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**Product Information

- No information available

Component Information

- No information available

## 12. Ecological information

**12.1 Toxicity****Ecotoxicity**

No information available

9.2647480098 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
SODIUM (C14-16) OLEFIN SULFONATE 68439-57-6	-	LC50: 96 h Brachydanio rerio 1.0 - 10.0 mg/L static LC50: 96 h Brachydanio rerio 12.2 mg/L semi-static	-
COCAMIDE DEA 68603-42-9	-	LC50: 96 h Brachydanio rerio 3.6 mg/L semi-static	-
propane-1,2,3-triol 56-81-5	-	LC50: 96 h Oncorhynchus mykiss 51 - 57 mL/L static	-
Diethanolamine 111-42-2	EC50: 72 h Desmodesmus subspicatus 7.8 mg/L EC50: 96 h Pseudokirchneriella subcapitata 2.1 - 2.3 mg/L	LC50: 96 h Pimephales promelas 4460 - 4980 mg/L flow-through LC50: 96 h Pimephales promelas 1200 - 1580 mg/L static LC50: 96 h Lepomis macrochirus 600 - 1000 mg/L static	EC50: 48 h Daphnia magna 55 mg/L

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

Chemical Name	log Pow
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propane-1,2,3-triol 56-81-5	-1.76
Diethanolamine 111-42-2	-2.18

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No adverse effects are expected.

## 13. Disposal Considerations

**13.1 Waste Disposal Guidance**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. Transport Information

**DOT** Not regulated

**MEX** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

## 15. Regulatory information

**15.1 International Inventories**

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

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and 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

**15.2 U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.



**15.3 Pesticide Information**

Not applicable

**15.4 U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
COCAMIDE DEA - 68603-42-9	Carcinogen
Diethanolamine - 111-42-2	Carcinogen
Formaldehyde - 50-00-0	Carcinogen

**16. Other information**

<b>NFPA</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 2	<b>Physical Hazard</b> 0	<b>Personal protection</b> X

**Legend:**

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S\*)

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

**Revision Date**

29-May-2015

**Revision Note**

No information available

**Disclaimer**

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.

**End of Safety Data Sheet**