

# SAFETY DATA SHEET



Revision Date 24-Jul-2015  
Version 1.02

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

### 1.1 Product identifier

**Product name** Cotton Upholstery Shampoo  
**Product code** W.20187

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

**Recommended Use** Professional Upholstery Cleaning  
**Restrictions on use** Professional Use Only

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

**Supplier Address**  
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**

Serious eye damage/eye irritation	Category 1
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### 2.2 Label elements

#### **Signal Word**

Danger

#### **Hazard Statements**

Causes serious eye damage



**Precautionary Statements - Prevention**

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

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 or doctor/physician

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

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity**3. Composition/Information on Ingredients****Substance  
Mixture**

Chemical Name	CAS-No	Weight %
SODIUM METABISULFITE	7681-57-4	10 - 20
SODIUM (C14-16) OLEFIN SULFONATE	68439-57-6	5 - 10
Sodium carbonate	497-19-8	1 - 5

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** No information available.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin contact** Wash skin with soap and water.

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

**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 Indication of any immediate medical attention and special treatment needed****Notes to physician** Treat symptomatically.**5. Fire-Fighting Measures****5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable Extinguishing Media** None.**5.2 Special hazards arising from the substance or mixture****Special Hazard**

Contact with water liberates toxic gas Risk of ignition

**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.

### 6.2 Environmental precautions

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

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

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

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

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

### 8.1 Occupational Exposure Limits (OEL)

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
SODIUM METABISULFITE 7681-57-4	TWA: 5 mg/m <sup>3</sup>	-	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

### 8.2 Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

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

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

**Skin and body protection** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

<b>Respiratory protection</b>	. NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.
<b>Hygiene measures</b>	See section 7 for more information

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Color</b>	Yellow
<b>Odor</b>	Floral, Sulfur
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	6.0	
<b>Melting/freezing point</b>		No information available
<b>Boiling point/boiling range</b>		No information available
<b>Flash Point</b>	> 94 °C / > 201 °F	
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		
upper flammability limit		No information available
lower flammability limit		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Specific Gravity</b>	1.158 g/cc	
<b>Water solubility</b>	no data available	
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Viscosity, kinematic</b>		No information available
<b>Viscosity, dynamic</b>		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

### 9.2 Other information

**Volatile organic compounds (VOC) content** <5%

## 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

Extremes of temperature and direct sunlight.

### 10.5 Incompatible Materials

None known based on information supplied.

**10.6 Hazardous Decomposition Products**

None known based on information supplied.

**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** < 1% of the mixture consists of ingredient(s) of unknown toxicity

**Oral LD50** 5,790.00 mg/kg

**Numerical measures of toxicity: Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM METABISULFITE 7681-57-4	1310 mg/kg ( Rat )	-	-
SODIUM (C14-16) OLEFIN SULFONATE 68439-57-6	2310 mg/kg ( Rat )	= 6300 mg/kg ( Rabbit )	-
Sodium carbonate 497-19-8	4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h

**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

- No information available

Component Information

- No information available

**Reproductive toxicity**

Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure****Other adverse effects**Target Organs

- Eyes
- Respiratory system
- Skin

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

1.05839 % of the mixture consists of component(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 METABISULFITE 7681-57-4	EC50: 72 h <i>Desmodesmus subspicatus</i> 48 mg/L EC50: 96 h <i>Desmodesmus subspicatus</i> 40 mg/L	LC50: 96 h <i>Lepomis macrochirus</i> 32 mg/L static	-
SODIUM (C14-16) OLEFIN SULFONATE 68439-57-6	-	LC50: 96 h <i>Brachydanio rerio</i> 1.0 - 10.0 mg/L static LC50: 96 h <i>Brachydanio rerio</i> 12.2 mg/L semi-static	-
Sodium carbonate 497-19-8	-	LC50: 96 h <i>Lepomis macrochirus</i> 300 mg/L static LC50: 96 h <i>Pimephales promelas</i> 310 - 1220 mg/L static	EC50: 48 h <i>Daphnia magna</i> 265 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
SODIUM METABISULFITE 7681-57-4	-3.7

**12.4 Mobility in soil**

No information available.

### **12.5 Other adverse effects**

No information available

## **13. Disposal Considerations**

### **13.1 Waste treatment methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

## **14. Transport Information**

<b><u>DOT</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated

## **15. Regulatory information**

### **15.1 International Inventories**

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

**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 does not contain any Proposition 65 chemicals

16. Other information				
<b>NFPA</b>	Health Hazard 3	Flammability 0	Instability 0	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	Health Hazard 3	Flammability 0	Physical Hazard 0	<b>Personal protection X</b>

**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)

**Prepared By**

Chemspec Regulatory Affairs/Product Safety

**Revision Date**

24-Jul-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**