

# SAFETY DATA SHEET



Revision Date 24-Jan-2017  
Version 1.03

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

### 1.1 Product identifier

Product name Browning Treatment  
Product code W.20015

### 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

Legend Brands  
4520 Eastgate Parkway  
Mississauga, ON L4W 3W6  
800-932-3030

E-mail Address msds@chemspecworld.com

### 1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 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 2A
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### 2.2 Label elements

#### Signal Word

Warning

#### Hazard Statements

Causes serious eye irritation

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear 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  
If eye irritation persists: Get medical advice/attention

**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	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**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Remove contact lenses, if present. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Gently wipe or rinse the inside of the mouth with 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

Water spray. Foam. Dry powder.

**Unsuitable Extinguishing Media**      None.

### 5.2 Special hazards arising from the substance or mixture

#### Special Hazard

Hazardous decomposition products formed under fire conditions

**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

Use personal protective equipment.

### 6.2 Environmental precautions

Dike to collect large liquid spills. 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**                      Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling**                      Wear personal protective equipment.

**Hygiene measures**                              When using, do not eat, drink or smoke.

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

**Storage Conditions**                              Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place.

**Materials to Avoid**                              Strong oxidizing agents.

## 8. Exposure controls/personal protection

### 8.1 Exposure Guidelines

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**                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

<b>Physical state</b>	Liquid	<b>Color</b>	Colorless
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	No information available
<b>Odor</b>	Sulphurous		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	3.9	
<b>Melting/freezing point</b>		No information available
<b>Boiling point/boiling range</b>		No information available
<b>Flash Point</b>	Not applicable	
<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>	1.02	
<b>Water solubility</b>	completely soluble	
<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**    None

# 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**

Direct sources of heat.

### **10.5 Incompatible Materials**

Strong oxidizing agents.

### **10.6 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**

### **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** 54,052.00 mg/kg mg/l

#### **Numerical measures of toxicity: Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM METABISULFITE 7681-57-4	1310 mg/kg ( Rat )	-	-

### **11.2 Information on toxicological effects**

#### **Skin corrosion/irritation**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Serious eye damage/eye irritation**

##### Product Information

- May cause eye irritation

##### 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**

No information available

**Other adverse effects**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 % 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	-

**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**

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

## 14. Transport Information

<b>DOT</b>	Limited quantity
<b>MEX</b>	-
<b>IMDG</b>	Limited quantity
<b>Proper shipping name</b>	2693 - Bisulphites, aqueous solution, n.o.s (SODIUM METABISULFITE)
<b>Hazard class</b>	8
<b>UN</b>	2693
<b>Packing Group</b>	III
<b>IATA</b>	Air transport is not recommended.
<b>UN</b>	-
<b>Proper shipping name</b>	-
<b>Hazard class</b>	-
<b>Packing Group</b>	-
<b>Special Provisions</b>	-

## 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 Chemical Substances/European 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>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	<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

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**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**