

# SAFETY DATA SHEET



Revision Date 12-Apr-2016  
Version 2

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

### 1.1 Product identifier

Product name Encap Brite II  
Product code W.50091

### 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  
15180 Josh Wilson Road  
Burlington, WA 98233  
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

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 2A |

### 2.2 Label elements

#### Signal Word

Warning

#### Hazard Statements

Causes skin irritation  
Causes serious eye irritation



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/clothing and eye/face protection

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  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse

**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 % |
|--------------------------------|------------|----------|
| Hydrogen peroxide              | 7722-84-1  | 1 - 5    |
| DIPROPYLENE GLYCOL BUTYL ETHER | 29911-28-2 | 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**

Immediately place absorbent material in a sealed water-filled metal container to avoid spontaneous combustion of absorbent material contaminated with this product

**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 Exposure Guidelines**

| Chemical Name                  | ACGIH TLV  | OSHA PEL                                 | British Columbia | Alberta                                  | Quebec                                   | Ontario TWAEV |
|--------------------------------|------------|--|------------------|--|--|---------------|
| Hydrogen peroxide<br>7722-84-1 | TWA: 1 ppm | TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup> | TWA: 1 ppm       | TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup> | TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup> | TWA: 1 ppm    |

**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.

|                                 |   |
|---------------------------------|---|
| <b>Skin and body protection</b> | Long sleeved clothing.  |
| <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>          | light yellow             |
| <b>Odor</b>           | Low                      |
| <b>Odor Threshold</b> | No information available |

| <u>Property</u>                     | <u>Values</u>  | <u>Remarks • Methods</u> |
|-------------------------------------|----------------|--------------------------|
| <b>pH</b>                           | 7.4            |                          |
| <b>Melting/freezing point</b>       |                | No information available |
| <b>Boiling point/boiling range</b>  |                | No information available |
| <b>Flash Point</b>                  | Not Applicable | No information available |
| <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 g/cc      |                          |
| <b>Water solubility</b>             |                | No information 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)** Negligible 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

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** 30,719.00 mg/kg  
**Dermal LD50** 76,702.00 mg/kg  
**LC50 (Dust/Mist)** 28.80 mg/l

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

| Chemical Name                                   | LD50 Oral         | LD50 Dermal                                     | LC50 Inhalation                  |
|---|-------------------|---|----------------------------------|
| Hydrogen peroxide<br>7722-84-1                  | 801 mg/kg ( Rat ) | = 2000 mg/kg ( Rabbit ) = 4060<br>mg/kg ( Rat ) | = 2 g/m <sup>3</sup> ( Rat ) 4 h |
| DIPROPYLENE GLYCOL BUTYL<br>ETHER<br>29911-28-2 | -                 | -   | = 42.1 ppm ( Rat ) 4 h           |

### **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

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

##### Component Information

- Contains a known or suspected carcinogen

**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 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 |
|---|-------------------|--|---|
| Hydrogen peroxide<br>7722-84-1                  | -                 | LC50: 96 h Pimephales promelas<br>16.4 mg/L LC50: 96 h Lepomis<br>macrochirus 18 - 56 mg/L static<br>LC50: 96 h Oncorhynchus mykiss<br>10.0 - 32.0 mg/L static | EC50: 48 h Daphnia magna 18 - 32<br>mg/L Static     |
| DIPROPYLENE GLYCOL BUTYL<br>ETHER<br>29911-28-2 | -                 | LC50: 96 h Poecilia reticulata 841<br>mg/L static  | -   |

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

**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.

|                                  |
|----------------------------------|
| <b>14. Transport Information</b> |
|----------------------------------|

**DOT** Not regulated

**MEX** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

|                                   |
|-----------------------------------|
| <b>15. Regulatory information</b> |
|-----------------------------------|

**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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name                                      | SARA 313 - Threshold Values % |
|--|-------------------------------|
| Tripropylene glycol monomethyl ether<br>25498-49-1 | 1.0                           |

**15.3 Pesticide Information**

Not applicable

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

This product does not contain any Proposition 65 chemicals

|                              |
|------------------------------|
| <b>16. Other information</b> |
|------------------------------|

|                    |                        |                       |                          |  |
|--------------------|------------------------|-----------------------|--------------------------|--|
| <b><u>NFPA</u></b> | <b>Health Hazard</b> 2 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and chemical hazards</b> - |
| <b><u>HMIS</u></b> | <b>Health Hazard</b> 2 | <b>Flammability</b> 0 | <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)

**Prepared By**

Chemspec Regulatory Affairs/Product Safety

**Revision Date**

12-Apr-2016

**Revision Note**

No information available

**Disclaimer**

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**End of Safety Data Sheet**