

# Safety Data Sheet



Revision Date 17-Oct-2014  
Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** CRYSTAL DEFOAMER  
**Product code** W.20025  
**Recommended Use** Professional Carpet Cleaning

**Manufacturer** Chemspec  
901 North Newkirk Street  
Baltimore, MD 21205

**Emergency telephone number** Chemtrec: 1-800-424-9300 for US  
+1 703-527-3887 outside US

## 2. Hazards identification

### Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### Potential Health Effects

#### Acute toxicity

##### Eyes

May cause slight irritation.

##### Skin

No known effect based on information supplied.

##### Inhalation

No known effect based on information supplied.

##### Ingestion

No known effect based on information supplied.

#### Chronic Effects

No known effect based on information supplied.

#### Aggravated Medical Conditions

None known.

#### Environmental hazard

See Section 12 for additional Ecological Information.

## 3. Composition/information on ingredients

## 4. First aid measures

**General advice** Show this material safety data sheet to the doctor in attendance.

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

**Skin contact** Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

**Inhalation** Move to fresh air.

**Ingestion** Gently wipe or rinse the inside of the mouth with water.

**Notes to physician** Treat symptomatically.

## CRYSTAL DEFOAMER

### 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Flammable Properties</b>                                  | Not flammable.   |
| <b>Flash point</b>   | Not determined.  |
| <b>Suitable extinguishing media</b>                          | Water spray. Foam. Dry powder.   |
| <b>Explosion Data</b>  |  |
| <b>Sensitivity to Mechanical Impact</b>                      | None.  |
| <b>Sensitivity to Static Discharge</b>                       | None.  |
| <b>Protective Equipment and Precautions for Firefighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

### 6. Accidental release measures

|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | Use personal protective equipment.  |
| <b>Environmental precautions</b> | No special environmental precautions required.  |
| <b>Methods for Containment</b>   | Prevent further leakage or spillage if safe to do so.   |
| <b>Methods for cleaning up</b>   | 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

|  |  |
|--|--|
| <b>Advice on safe handling</b>               | Wear personal protective equipment.  |
| <b>Technical measures/Storage conditions</b> | Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place. |

### 8. Exposure controls/personal protection

|                                      |   |
|--------------------------------------|---|
| <b>Exposure Guidelines</b>           | This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.   |
| <b>Engineering Measures</b>          | Showers<br>Eyewash stations<br>Ventilation systems.   |
| <b>Personal Protective Equipment</b> |   |
| <b>Hand Protection</b>               | Rubber gloves Rubber/latex/neoprene or other suitable chemical resistant gloves   |
| <b>Eye/Face Protection</b>           | Safety glasses with side-shields.   |
| <b>Skin and body protection</b>      | Skin and body protection.   |
| <b>Respiratory protection</b>        | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| <b>Hygiene measures</b>              | When using, do not eat, drink or smoke.   |

## CRYSTAL DEFOAMER

### 9. Physical and chemical properties

|                       |        |
|-----------------------|--------|
| <b>Physical state</b> | Solid  |
| <b>Appearance</b>     | Powder |
| <b>Odor</b>           | Low    |
| <b>Color</b>          | White  |

| <u>Property</u>                               | <u>Values</u>     | <u>Remarks • Methods</u> |
|---|-------------------|--------------------------|
| pH  | no data available |                          |
| <b>Boiling point/boiling range</b>            |                   |                          |
| <b>Flash Point</b>                            |                   |                          |
| <b>Evaporation rate</b>                       | no data available |                          |
| <b>Explosion Limits</b>                       |                   |                          |
| upper   |                   |                          |
| lower   |                   |                          |
| <b>Vapor pressure</b>                         | no data available |                          |
| <b>Vapor density</b>                          | no data available |                          |
| <b>Specific Gravity</b>                       | no data available |                          |
| <b>Viscosity, kinematic</b>                   | no data available |                          |
| <b>Water solubility</b>                       | no data available |                          |
| <b>Partition coefficient: n-octanol/water</b> | no data available |                          |
| <b>Explosive properties</b>                   | no data available |                          |

**Other information**

|   |            |
|---|------------|
| <b>Volatile organic compounds (VOC) content</b> | Negligible |
| <b>Melting/freezing point</b>                   |            |

### 10. Stability and reactivity

|   |  |
|---|--|
| <b>Stability/Reactivity</b>             | Stable under recommended storage conditions.   |
| <b>Incompatible products</b>            | None known based on information supplied.  |
| <b>Conditions to Avoid</b>              | Direct sources of heat.  |
| <b>Hazardous Decomposition Products</b> | Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), dense black smoke. |
| <b>Hazardous Polymerization</b>         | Hazardous polymerization does not occur.   |

### 11. Toxicological information

**Acute toxicity**

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | The product itself has not been tested. |
|----------------------------|---|

|                              |                          |
|------------------------------|--------------------------|
| <b>Component Information</b> | No information available |
|------------------------------|--------------------------|

**Chronic toxicity**

|                         |                          |
|-------------------------|--------------------------|
| <b>Chronic toxicity</b> | No information available |
|-------------------------|--------------------------|

|                             |             |
|-----------------------------|-------------|
| <b>Target Organ Effects</b> | None known. |
|-----------------------------|-------------|

### 12. Ecological information

**Ecotoxicity**

No information available. .

## CRYSTAL DEFOAMER

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulation</b>               | No information available. |
| <b>Mobility</b>                      | No information available. |

### 13. Disposal considerations

|                               |   |
|-------------------------------|---|
| <b>Waste Disposal Methods</b> | 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. |
| <b>Contaminated packaging</b> | Empty containers should be taken to an approved waste handling site for recycling or disposal.  |

### 14. Transport information

|            |               |
|------------|---------------|
| <b>DOT</b> | Not regulated |
| <b>MEX</b> | Not regulated |

### 15. Regulatory information

#### 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/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

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

"-" - Unknown. Not listed.

#### 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.

##### SARA 311/312 Hazard Categories

|                            |    |
|----------------------------|----|
| <b>Acute Health Hazard</b> | No |
|----------------------------|----|

CRYSTAL DEFOAMER

|  |    |
|--|----|
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire Hazard</b>                       | No |
| <b>Sudden Release of Pressure Hazard</b> | No |
| <b>Reactive Hazard</b>                   | No |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name                         | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|---------------------------------------|---------------|------------|--------------|----------|--------------|
| Sodium sulphate                       | X             |            | X            |          |              |
| PROPYLENE GLYCOL;<br>PROPANE-1,2-DIOL |               | X          | X            |          |              |

**International Regulations**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

**16. Other information**

|             |                 |                |                        |                                 |
|-------------|-----------------|----------------|------------------------|---------------------------------|
| <b>NFPA</b> | Health Hazard 0 | Flammability 0 | Stability/Reactivity 0 | Physical and chemical hazards - |
| <b>HMIS</b> | Health Hazard 0 | Flammability 0 | Physical Hazard 0      | Personal protection -           |

**Prepared By** Chemspec Regulatory Affairs/Product Safety

**Revision Date** 17-Oct-2014

**Revision Note** No information available.

**Legend:**

**Disclaimer**

The information provided on this MSDS 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 Material Safety Data Sheet**