

# RADICAL RINSE

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : RADICAL RINSE  
Product code : H1632

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

Use of the substance/mixture : Carpet cleaner

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

Bonnet Pro  
4529 Bethlehem Pike  
Telford, PA 18969  
T 1-877-477-1615 - F 215-453-9609  
[info@bonnetpro.com](mailto:info@bonnetpro.com) - [www.bonnetpro.com](http://www.bonnetpro.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-535-5053  
InfoTrac

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin Corr. 1A H314  
Aquatic Acute 3 H402  
Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H402 - Harmful to aquatic life  
Precautionary statements (GHS-US) : P260 - Do not breathe dust  
P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear gloves and protective eyewear  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

# RADICAL RINSE

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name  | Product identifier  | %       | GHS-US classification                              |
|---|---------------------|---------|--|
| sodium carbonate                            | (CAS No) 497-19-8   | 60 - 80 | Skin Corr. 1A, H314<br>Aquatic Acute 3, H402       |
| alcohols, C9-C11-iso, C10-rich, ethoxylated | (CAS No) 78330-20-8 | 5 - 10  | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 3, H402 |

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Remove the victim into fresh air.  
First-aid measures after skin contact : Rinse with water.  
First-aid measures after eye contact : Rinse immediately with plenty of water.

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

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

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

No additional information available

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

No additional information available

#### 6.3. Methods and material for containment and cleaning up

For containment : Knock down/dilute dust cloud with water spray.  
Methods for cleaning up : Scoop solid spill into closing containers.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Avoid raising dust.

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

Storage conditions : Store in original container.  
Maximum storage period : < 2 year

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| RADICAL RINSE |                |
|---------------|----------------|
| ACGIH         | Not applicable |
| OSHA          | Not applicable |

# RADICAL RINSE

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| <b>sodium carbonate (497-19-8)</b>                              |                |
|---|----------------|
| ACGIH   | Not applicable |
| OSHA  | Not applicable |
| <b>alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)</b> |                |
| ACGIH   | Not applicable |
| OSHA  | Not applicable |

### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |   |
|--|---|
| Physical state                             | : Solid   |
| Colour                                     | : Colourless or white   |
| Odour                                      | : Characteristic odour  |
| Odour threshold                            | : No data available   |
| pH   | : ≈ 9.5   |
| Relative evaporation rate (butylacetate=1) | : No data available   |
| Melting point                              | : No data available   |
| Freezing point                             | : No data available   |
| Boiling point                              | : No data available   |
| Flash point                                | : No data available   |
| Auto-ignition temperature                  | : No data available   |
| Decomposition temperature                  | : No data available   |
| Flammability (solid, gas)                  | : No data available   |
| Vapour pressure                            | : No data available   |
| Relative vapour density at 20 °C           | : No data available   |
| Specific gravity                           | : No data available   |
| Solubility                                 | : Soluble in water.<br>Water: Solubility in water of component(s) of the mixture :<br>• sodium carbonate: 22 g/100ml • sodium chloride: 31.7 g/100ml (20 °C) • alcohols, C9-C11-iso, C10-rich, ethoxylated: > 100 g/l (25 °C) |
| Log Pow                                    | : No data available   |
| Log Kow                                    | : No data available   |
| Viscosity, kinematic                       | : No data available   |
| Viscosity, dynamic                         | : No data available   |
| Explosive properties                       | : No data available   |
| Oxidising properties                       | : No data available   |
| Explosive limits                           | : No data available   |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Strong acids.

### 10.6. Hazardous decomposition products

No additional information available

# RADICAL RINSE

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| <b>sodium carbonate (497-19-8)</b>                              |   |
|---|---|
| LD50 oral rat   | 2800 mg/kg (Rat; Experimental value)                    |
| LD50 dermal rabbit  | > 2000 mg/kg (Rabbit; Experimental value)               |
| ATE US (oral)   | 2800.000 mg/kg bodyweight                               |
| <b>alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)</b> |   |
| LD50 oral rat   | 500 - 2000 mg/kg (Rat; Experimental value)              |
| ATE US (oral)   | 500.000 mg/kg bodyweight                                |
| Skin corrosion/irritation                                       | : Causes severe skin burns and eye damage.<br>pH: ≈ 9,5 |
| Serious eye damage/irritation                                   | : Not classified<br>pH: ≈ 9,5                           |
| Respiratory or skin sensitisation                               | : Not classified  |
| Germ cell mutagenicity  | : Not classified  |
| Carcinogenicity   | : Not classified  |
| Reproductive toxicity   | : Not classified  |
| Specific target organ toxicity (single exposure)                | : Not classified  |
| Specific target organ toxicity (repeated exposure)              | : Not classified  |
| Aspiration hazard   | : Not classified  |

### SECTION 12: Ecological information

#### 12.1. Toxicity

| <b>sodium carbonate (497-19-8)</b>                              |                                      |
|---|--------------------------------------|
| LC50 fishes 1   | 300 mg/l (96 h; Lepomis macrochirus) |
| EC50 Daphnia 1  | < 424 mg/l (48 h; Daphnia magna)     |
| EC50 other aquatic organisms 1                                  | 14 mg/l (168 h; Plankton)            |
| LC50 fish 2   | 740 mg/l (96 h; Gambusia affinis)    |
| EC50 Daphnia 2  | 265 mg/l (48 h; Daphnia magna)       |
| TLM fish 1  | 300 ppm (96 h; Lepomis macrochirus)  |
| TLM other aquatic organisms 1                                   | 500 ppm (96 h; Daphnia magna)        |
| Threshold limit algae 1   | 242 mg/l (5 days; Algae)             |
| <b>alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)</b> |                                      |
| LC50 fishes 1   | 10 - 100 mg/l (96 h; Leuciscus idus) |
| EC50 Daphnia 1  | 10 - 100 mg/l (48 h; Invertebrata)   |
| Threshold limit algae 1   | 10 - 100,96 h; Aquatic plants        |

#### 12.2. Persistence and degradability

| <b>sodium carbonate (497-19-8)</b>                              |   |
|---|---|
| Persistence and degradability                                   | Biodegradability: not applicable. Low potential for adsorption in soil. |
| ThOD  | Not applicable (inorganic)  |
| <b>alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)</b> |   |
| Persistence and degradability                                   | Readily biodegradable in water. Adsorption to soil is possible.         |

#### 12.3. Bioaccumulative potential

| <b>sodium carbonate (497-19-8)</b>                              |  |
|---|--|
| Log Pow   | -6.19 (Estimated value)                          |
| Bioaccumulative potential                                       | Low potential for bioaccumulation (Log Kow < 4). |
| <b>alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)</b> |  |
| Bioaccumulative potential                                       | Not bioaccumulative.                             |

#### 12.4. Mobility in soil

No additional information available

# RADICAL RINSE

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 12.5. Other adverse effects

Effect on ozone layer :

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

No additional information available

## SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

#### EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

## SECTION 16: Other information

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard

Physical : 0 Minimal Hazard

Personal Protection : B

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*