

# BLUE LAVA

## 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 : BLUE LAVA  
Product code : H1648

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

Use of the substance/mixture : CARPET PRESpray

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

CleanPak Products LLC.  
221 Hobbs Street Suite 108  
Tampa, FL 33619  
T 813-740-8611 - F 813-740-8218  
[admin@cleanpakproducts.com](mailto:admin@cleanpakproducts.com) - [www.cleanpakproducts.com](http://www.cleanpakproducts.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) :



GHS05

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H314 - Causes severe skin burns and eye damage  
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  
P405 - Store locked up  
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

# BLUE LAVA

## Safety Data Sheet

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name                     | Product identifier | %       | GHS-US classification                        |
|--------------------------|--------------------|---------|--|
| sodium carbonate         | (CAS No) 497-19-8  | 60 - 80 | Skin Corr. 1A, H314<br>Aquatic Acute 3, H402 |
| disodium metasilicate    | (CAS No) 6834-92-0 | 20 - 30 | Skin Corr. 1A, H314                          |
| trisodium orthophosphate | (CAS No) 7601-54-9 | 5 - 10  | Skin Corr. 1A, H314                          |

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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 : Immediately rinse with water for a prolonged period while holding the eyelids wide open.  
First-aid measures after ingestion : Drink 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 : Plug the leak, cut off the supply.

#### 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 skin and eyes.

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

Maximum storage period : > 2 year  
Storage area : Keep only in the original container.

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

No additional information available

# BLUE LAVA

## Safety Data Sheet

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| BLUE LAVA                            |                |
|--------------------------------------|----------------|
| ACGIH                                | Not applicable |
| OSHA                                 | Not applicable |
| sodium carbonate (497-19-8)          |                |
| ACGIH                                | Not applicable |
| OSHA                                 | Not applicable |
| disodium metasilicate (6834-92-0)    |                |
| ACGIH                                | Not applicable |
| OSHA                                 | Not applicable |
| trisodium orthophosphate (7601-54-9) |                |
| 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                                     | : Light Blue   |
| Odour                                      | : Lemon Citrus   |
| Odour threshold                            | : No data available  |
| pH   | : ≈ 12.5   |
| 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 • disodium metasilicate: > 18 g/100ml • trisodium orthophosphate: 8 g/100ml (20 °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

# BLUE LAVA

## Safety Data Sheet

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### 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. Oxidizing agent.

#### 10.6. Hazardous decomposition products

No additional information available

### 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>disodium metasilicate (6834-92-0)</b>    |   |
| LD50 dermal rat                             | > 5000 mg/kg bodyweight (Rat; Read-across; OECD 402: Acute Dermal Toxicity)   |
| <b>trisodium orthophosphate (7601-54-9)</b> |   |
| LD50 oral rat                               | 4800 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Experimental value; >2000 mg/kg bodyweight; Rat) |
| LD50 dermal rat                             | > 2000 mg/kg bodyweight (Rat; Read-across; OECD 402: Acute Dermal Toxicity)   |
| LD50 dermal rabbit                          | > 2000 mg/kg (Rabbit)   |
| ATE US (oral)                               | 4800.000 mg/kg bodyweight   |
| Skin corrosion/irritation                   | : Causes severe skin burns and eye damage.<br>pH: ≈ 12.5  |
| Serious eye damage/irritation               | : Not classified<br>pH: ≈ 12.5  |
| 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)    |

# BLUE LAVA

## Safety Data Sheet

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

|   |   |
|---|---|
| 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>disodium metasilicate (6834-92-0)</b>    |   |
| LC50 fishes 1                               | 210 mg/l (96 h; Brachydanio rerio)            |
| EC50 Daphnia 1                              | 216 mg/l (96 h; Daphnia magna; GLP)           |
| LC50 fish 2                                 | 2320 mg/l (96 h; Gambusia affinis)            |
| EC50 Daphnia 2                              | 632 mg/l (96 h; Lymnaea sp.)                  |
| Threshold limit algae 1                     | 207 mg/l (72 h; Scenedesmus subspicatus; GLP) |
| <b>trisodium orthophosphate (7601-54-9)</b> |   |
| LC50 fishes 1                               | 2400 mg/l (48 h; Leuciscus idus)              |
| LC50 fish 2                                 | 220 mg/l (96 h; Lepomis macrochirus)          |

### 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>disodium metasilicate (6834-92-0)</b>    |  |
| Persistence and degradability               | Biodegradability: not applicable. No (test) data on mobility of the substance available.   |
| Biochemical oxygen demand (BOD)             | Not applicable   |
| Chemical oxygen demand (COD)                | Not applicable   |
| ThOD  | Not applicable   |
| BOD (% of ThOD)                             | Not applicable   |
| <b>trisodium orthophosphate (7601-54-9)</b> |  |
| Persistence and degradability               | Biodegradability: not applicable. Biodegradability in soil: not applicable. No (test) data on mobility of the substance available. |
| Biochemical oxygen demand (BOD)             | Not applicable   |
| Chemical oxygen demand (COD)                | Not applicable   |
| ThOD  | Not applicable   |
| BOD (% of ThOD)                             | Not applicable   |

### 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>disodium metasilicate (6834-92-0)</b>    |  |
| Bioaccumulative potential                   | Bioaccumulation: not applicable.                 |
| <b>trisodium orthophosphate (7601-54-9)</b> |  |
| Bioaccumulative potential                   | No bioaccumulation data available.               |

### 12.4. Mobility in soil

No additional information available

### 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

Waste disposal recommendations : May be discharged to wastewater treatment installation.

## SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

# BLUE LAVA

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### 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

Full text of H-phrases:

|                 |   |
|-----------------|---|
| Aquatic Acute 3 | Hazardous to the aquatic environment — Acute Hazard, Category 3 |
| Skin Corr. 1A   | Skin corrosion/irritation, Category 1A                          |
| H314            | Causes severe skin burns and eye damage                         |
| H402            | Harmful to aquatic life   |

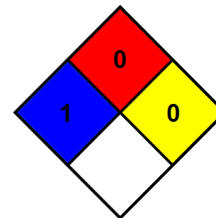
# BLUE LAVA

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NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 0 - Materials that will not burn.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating  
Health : 2 Moderate Hazard - Temporary or minor injury may occur  
Flammability : 0 Minimal 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*