



# Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 22-Dec-2017

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Buckeye Defoam

### Other means of identification

**SDS #** BE-5410

**Product Code** 5410

### Recommended use of the chemical and restrictions on use

**Recommended Use** Defoamer.

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

#### Supplier Address

Buckeye International, Inc.  
2700 Wagner Place  
Maryland Heights, MO 63043 USA

### Emergency Telephone Number

**Company Phone Number** 1-314-291-1900

**Emergency Telephone (24 hr)** Transportation - INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)  
Medical - (International) 1-651-632-8956 (North America) 1-800-303-0441

## 2. HAZARDS IDENTIFICATION

**Appearance** White opaque liquid      **Physical State** Liquid      **Odor** Mild scent No fragrance added

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

## 4. FIRST-AID MEASURES

### First Aid Measures

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops or persists.

**Skin Contact** Wash skin with soap and water. Get medical attention if irritation develops or persists.

|                   |  |
|-------------------|--|
| <b>Inhalation</b> | Remove to fresh air.   |
| <b>Ingestion</b>  | Give two large glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Eye contact may cause redness or burning sensation. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Combustion products may be toxic.

**Hazardous Combustion Products** Carbon oxides. Silicon oxides.

**Protective equipment and precautions 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

**Personal precautions, protective equipment and emergency procedures**

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Use personal protection recommended in Section 8.  |
| <b>Environmental Precautions</b> | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS. |

**Methods and material for containment and cleaning up**

|                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.  |
| <b>Methods for Clean-Up</b>    | Pick up with mop, wet/dry vac, or absorbent material. Wash area with detergent solution followed by a clear water rinse. Allow floor to dry before allowing traffic. Repeat cleaning if necessary. Residues left behind may present a slipping hazard. |

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

|                                |   |
|--------------------------------|---|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. |
|--------------------------------|---|

**Conditions for safe storage, including any incompatibilities**

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep container tightly closed and store in a cool, dry and well-ventilated place. Store at room temperature. Keep from freezing. |
| <b>Incompatible Materials</b> | None known based on information supplied.  |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name       | ACGIH TLV                           | OSHA PEL   | NIOSH IDLH   |
|---------------------|-------------------------------------|--|--|
| Methanol<br>67-56-1 | STEL: 250 ppm<br>TWA: 200 ppm<br>S* | TWA: 200 ppm<br>TWA: 260 mg/m <sup>3</sup><br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 260 mg/m <sup>3</sup><br>(vacated) STEL: 250 ppm<br>(vacated) STEL: 325 mg/m <sup>3</sup><br>(vacated) S* | IDLH: 6000 ppm<br>TWA: 200 ppm<br>TWA: 260 mg/m <sup>3</sup><br>STEL: 250 ppm<br>STEL: 325 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls**                      Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**                      Risk of contact: Wear approved safety goggles.

**Skin and Body Protection**                      Wear rubber gloves or other impervious gloves.

**Respiratory Protection**                      No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                     |                       |                               |
|-----------------------|---------------------|-----------------------|-------------------------------|
| <b>Physical State</b> | Liquid              | <b>Odor</b>           | Mild scent No fragrance added |
| <b>Appearance</b>     | White opaque liquid | <b>Odor Threshold</b> | Not determined                |
| <b>Color</b>          | White opaque        |                       |                               |

| <u>Property</u>                     | <u>Values</u>         | <u>Remarks • Method</u>       |
|-------------------------------------|-----------------------|-------------------------------|
| <b>pH</b>                           | 8.1 - 8.5 (conc.)     |                               |
| <b>Melting Point/Freezing Point</b> | Not determined        |                               |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F       |                               |
| <b>Flash Point</b>                  | None                  | Tag Closed Cup<br>(Water = 1) |
| <b>Evaporation Rate</b>             | 1.0                   |                               |
| <b>Flammability (Solid, Gas)</b>    | Liquid-Not applicable |                               |
| <b>Upper Flammability Limits</b>    | Not applicable        |                               |
| <b>Lower Flammability Limit</b>     | Not applicable        |                               |
| <b>Vapor Pressure</b>               | Not determined        |                               |
| <b>Vapor Density</b>                | Not determined        |                               |
| <b>Specific Gravity</b>             | 1.00                  |                               |
| <b>Water Solubility</b>             | Miscible in water     |                               |
| <b>Solubility in other solvents</b> | Not determined        |                               |
| <b>Partition Coefficient</b>        | Not determined        |                               |
| <b>Auto-ignition Temperature</b>    | Not determined        |                               |
| <b>Decomposition Temperature</b>    | Not determined        |                               |
| <b>Kinematic Viscosity</b>          | Not determined        |                               |
| <b>Dynamic Viscosity</b>            | Not determined        |                               |
| <b>Explosive Properties</b>         | Not determined        |                               |
| <b>Oxidizing Properties</b>         | Not determined        |                               |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

Carbon oxides. Silicon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**      Avoid contact with eyes.

**Skin Contact**      Avoid contact with skin.

**Inhalation**      Avoid breathing vapors or mists.

**Ingestion**      Do not ingest.

### Component Information

| Chemical Name                 | Oral LD50            | Dermal LD50              | Inhalation LC50                                    |
|-------------------------------|----------------------|--------------------------|--|
| PEG-100 Stearate<br>9004-99-3 | > 20 g/kg ( Rat )    | -                        | -  |
| Methanol<br>67-56-1           | = 5628 mg/kg ( Rat ) | = 15800 mg/kg ( Rabbit ) | = 83.2 mg/L ( Rat ) 4 h = 64000<br>ppm ( Rat ) 4 h |

### Information on physical, chemical and toxicological effects

**Symptoms**      Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**      Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Component Information

| Chemical Name       | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea |
|---------------------|----------------------|--|----------------------------|-----------|
| Methanol<br>67-56-1 |                      | 28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h<br>Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h<br>Oncorhynchus mykiss mg/L LC50 flow-through 18 - 20: 96 h<br>Oncorhynchus mykiss mL/L LC50 static 13500 - 17600: 96 h<br>Lepomis macrochirus mg/L LC50 flow-through |                            |           |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

| Chemical Name       | Partition Coefficient |
|---------------------|-----------------------|
| Methanol<br>67-56-1 | -0.77                 |

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

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

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

### US EPA Waste Number

| Chemical Name       | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------------|------|-----------------------------------|------------------------|------------------------|
| Methanol<br>67-56-1 |      | Included in waste stream:<br>F039 |                        | U154                   |

### California Hazardous Waste Status

| Chemical Name       | California Hazardous Waste Status |
|---------------------|-----------------------------------|
| Methanol<br>67-56-1 | Toxic<br>Ignitable                |

## 14. TRANSPORT INFORMATION

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

## 15. REGULATORY INFORMATION

### International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory

### US Federal Regulations

#### CERCLA

| Chemical Name       | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|---------------------|--------------------------|----------------|--|
| Methanol<br>67-56-1 | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

#### SARA 313

| Chemical Name      | CAS No  | Weight-% | SARA 313 - Threshold Values % |
|--------------------|---------|----------|-------------------------------|
| Methanol - 67-56-1 | 67-56-1 | <5       | 1.0                           |

#### CWA (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)

#### US State Regulations

##### California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name      | California Proposition 65 |
|--------------------|---------------------------|
| Methanol - 67-56-1 | Developmental             |

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

| Chemical Name       | New Jersey | Massachusetts | Pennsylvania |
|---------------------|------------|---------------|--------------|
| Methanol<br>67-56-1 | X          | X             | X            |

**16. OTHER INFORMATION****NFPA****Health Hazards****Flammability****Instability****Special Hazards**

0

0

0

Not determined

**HMIS****Health Hazards****Flammability****Physical Hazards****Personal Protection**

Not determined

Not determined

Not determined

Not determined

**Issue Date:**

27-Dec-2011

**Revision Date:**

22-Dec-2017

**Revision Note:**

Telephone number update

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**