



# Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 22-Dec-2017

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Buckeye Scavenger

### Other means of identification

**SDS #** BE-5530

**Product Code** 5530

**UN/ID No** UN1950

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

**Recommended Use** Aerosol Malodor Eliminator.

### 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** Clear colorless spray

**Physical State** Aerosol

**Odor** Floral

### Classification

|  |             |
|--|-------------|
| Serious eye damage/eye irritation                | Category 2  |
| Germ cell mutagenicity                           | Category 1B |
| Carcinogenicity                                  | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3  |
| Flammable Aerosols                               | Category 1  |

### Signal Word

**Danger**

### Hazard Statements

Causes serious eye irritation  
May cause genetic defects  
May cause cancer  
May cause drowsiness or dizziness  
Extremely flammable aerosol



### **Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Do not spray on an open flame or other ignition source  
 Pressurized container: Do not pierce or burn, even after use

### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention  
 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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

### **Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name          | CAS No     | Weight-% |
|------------------------|------------|----------|
| Acetone                | 67-64-1    | >69      |
| Hydrocarbon Propellant | 68476-86-8 | 30       |
| Sodium Nitrate         | 7631-99-4  | <1       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### **First Aid Measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | 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. |
| <b>Skin Contact</b> | Wash off immediately with plenty of water for at least 15 minutes.   |
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing.   |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

**Most important symptoms and effects**

**Symptoms** Causes serious eye irritation. May cause drowsiness or dizziness.

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

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Water spray (fog).

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Do not expose aerosols to temperatures above 130°F, or containers may burst.

**Hazardous Combustion Products** Carbon 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**

**Personal Precautions** Use personal protective equipment as required.

**Environmental Precautions** See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic. Dispose of contents/container to an approved waste disposal plant.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands, and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

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

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children. Do not expose to temperatures exceeding 50 °C/122°F. Store away from heat, sparks, flame. Protect from freezing. Protect from sunlight. Do not puncture or incinerate container. Avoid food contamination.

**Incompatible Materials** Acids. Strong alkalis. Heavy metal salts.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name      | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH   |
|--------------------|-------------------------------|---|--|
| Acetone<br>67-64-1 | STEL: 750 ppm<br>TWA: 500 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup><br>The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**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** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                       |                       |                |
|-----------------------|-----------------------|-----------------------|----------------|
| <b>Physical State</b> | Aerosol               | <b>Odor</b>           | Floral         |
| <b>Appearance</b>     | Clear colorless spray | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Colorless             |                       |                |

| <u>Property</u>                     | <u>Values</u>    | <u>Remarks • Method</u> |
|-------------------------------------|------------------|-------------------------|
| <b>pH</b>                           | 7.2-7.6 (Conc.)  |                         |
| <b>Melting Point/Freezing Point</b> | Not determined   |                         |
| <b>Boiling Point/Boiling Range</b>  | Not determined   |                         |
| <b>Flash Point</b>                  | Not determined   |                         |
| <b>Evaporation Rate</b>             | Not determined   |                         |
| <b>Flammability (Solid, Gas)</b>    | Not determined   |                         |
| <b>Upper Flammability Limits</b>    | Not determined   |                         |
| <b>Lower Flammability Limit</b>     | Not determined   |                         |
| <b>Vapor Pressure</b>               | Not determined   |                         |
| <b>Vapor Density</b>                | Not determined   |                         |
| <b>Specific Gravity</b>             | 0.79 Concentrate |                         |
| <b>Water Solubility</b>             | Not determined   |                         |
| <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   |                         |

**Oxidizing Properties** Not determined  
**Additional Information** % Volatile by weight 100

## 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

Heat, sparks and open flames.

### Incompatible Materials

Acids. Strong alkalis. Heavy metal salts.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Causes skin irritation.

**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                       |
|-----------------------------|----------------------|-------------|---------------------------------------|
| Acetone<br>67-64-1          | = 5800 mg/kg ( Rat ) | -           | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h |
| Sodium Nitrate<br>7631-99-4 | = 1267 mg/kg ( Rat ) | -           | -                                     |

### 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

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name               | ACGIH | IARC     | NTP | OSHA |
|-----------------------------|-------|----------|-----|------|
| Sodium Nitrate<br>7631-99-4 |       | Group 2A |     | X    |

**Legend**

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**STOT - single exposure**

May cause drowsiness or dizziness.

**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   |
|-----------------------------|----------------------|---|----------------------------|---|
| Acetone<br>67-64-1          |                      | 4.74 - 6.33: 96 h<br>Oncorhynchus mykiss mL/L<br>LC50 8300: 96 h Lepomis<br>macrochirus mg/L LC50<br>6210 - 8120: 96 h<br>Pimephales promelas mg/L<br>LC50 static | EC50 = 14500 mg/L 15 min   | 10294 - 17704: 48 h Daphnia<br>magna mg/L EC50 Static<br>12600 - 12700: 48 h Daphnia<br>magna mg/L EC50 |
| Sodium Nitrate<br>7631-99-4 |                      | 2000: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 994.4 - 1107: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 static   |                            |   |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name                        | Partition Coefficient |
|--------------------------------------|-----------------------|
| Acetone<br>67-64-1                   | -0.24                 |
| Hydrocarbon Propellant<br>68476-86-8 | <=2.8                 |
| Sodium Nitrate<br>7631-99-4          | -3.8                  |

**Other Adverse Effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | 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 |
|--------------------|------|-----------------------------------|------------------------|------------------------|
| Acetone<br>67-64-1 |      | Included in waste stream:<br>F039 |                        | U002                   |

#### California Hazardous Waste Status

| Chemical Name               | California Hazardous Waste Status |
|-----------------------------|-----------------------------------|
| Acetone<br>67-64-1          | Ignitable                         |
| Sodium Nitrate<br>7631-99-4 | Toxic<br>Ignitable<br>Reactive    |

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

|                             |          |
|-----------------------------|----------|
| <b>UN/ID No</b>             | UN1950   |
| <b>Proper Shipping Name</b> | Aerosols |
| <b>Hazard Class</b>         | 2.1      |

#### IATA

|                             |                     |
|-----------------------------|---------------------|
| <b>UN/ID No</b>             | UN1950              |
| <b>Proper Shipping Name</b> | Aerosols, flammable |
| <b>Hazard Class</b>         | 2.1                 |

#### IMDG

|                             |          |
|-----------------------------|----------|
| <b>UN/ID No</b>             | UN1950   |
| <b>Proper Shipping Name</b> | Aerosols |
| <b>Hazard Class</b>         | 2.1      |

### 15. REGULATORY INFORMATION

#### International Inventories

| Chemical Name          | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Acetone                | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Hydrocarbon Propellant | Present | X   |      | Present |        |         | X     | Present | X     | X    |
| Sodium Nitrate         | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European 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*

### **US Federal Regulations**

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name      | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|--------------------|--------------------------|----------------|--|
| Acetone<br>67-64-1 | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

#### **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

| Chemical Name              | CAS No    | Weight-% | SARA 313 - Threshold Values % |
|----------------------------|-----------|----------|-------------------------------|
| Sodium Nitrate - 7631-99-4 | 7631-99-4 | <1       | 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 does not contain any Proposition 65 chemicals.

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

| Chemical Name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Acetone<br>67-64-1          | X          | X             | X            |
| Sodium Nitrate<br>7631-99-4 | X          | X             | X            |



**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | 1                     | 0                   | 1                       | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | 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**