



Issue Date 27-Dec-2011

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Version 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS # BE-5425-EU
Product Code 5425
Product Name Buckeye Ten-4

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Malodor eliminator Waterbased

1.3. Details of the Supplier of the Safety Data Sheet

| <u>Importer</u> | <u>REACH Only Representative</u> | <u>Supplier</u> |
|--|----------------------------------|--|
| UK Contact David Pinder, EU General Manager 12 Paskin Close Fradley Village, NR Lichfield Staffordshire, WS13 8NZ UK | TSGE TSGE@TSGEurope.com | Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA |

For further information, please contact

Contact Point David Pinder, EU General Manager: 011447788432884
Buckeye International, Inc.: 1-314-291-1900
Email Address info@buckeyeinternational.com

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008
Not classified as dangerous according to Regulation (EC) No. 1272/2008

Classification according to 67/548/EEC
Full text of R-phrases: see section 16

Hazard Symbols
Not dangerous

2.2. Label Elements

Not classified as dangerous according to Regulation (EC) No. 1272/2008

Signal Word

None

2.3. Other Hazards**General Hazards**

None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Chemical Nature**

This product does not contain any components which are considered to be hazardous or have established work place exposure limits.

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

SECTION 4: FIRST AID MEASURES**4.1. Description of First Aid Measures**

| | |
|---------------------|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation persists. |
| Skin Contact | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. |
| Inhalation | Remove to fresh air. |
| Ingestion | Drink 2-3 large glasses of water. Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person. |

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

| | |
|-----------------|---|
| Symptoms | Exposed individuals may experience eye tearing, redness and discomfort. Contact may cause irritation and redness. |
|-----------------|---|

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing Media****Suitable Extinguishing Media**

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

Unsuitable Extinguishing Media

Not determined

5.2. Special Hazards Arising from the Substance or Mixture

Combustion products may be toxic

**Hazardous Combustion
Products**

Carbon oxides.

5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Use personal protective equipment as required.

For Emergency Responders

Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Collect spillage.

6.3. 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.

6.4. Reference to Other Sections

See Section 13, Disposal Considerations, for additional information.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for Safe Handling****Advice on Safe Handling**

Keep out of the reach of children.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

7.2. Conditions for Safe Storage, Including any Incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Store at room temperature.

7.3. Specific End Use(s)**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2. Exposure Controls

Engineering Controls Ventilation systems.

Personal Protective Equipment

| | |
|---------------------------------|--|
| Eye/Face Protection | Risk of contact: Wear approved safety goggles. |
| Hand Protection | Rubber gloves. |
| Skin and Body Protection | Suitable protective clothing. |
| Respiratory Protection | No protective equipment is needed under normal use conditions. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | | | |
|-----------------------|--------------------|-----------------------|----------------|
| Physical State | Liquid | Odor | Wintergreen |
| Appearance | Light green liquid | Odor Threshold | Not determined |
| Color | Light green | | |

| Property | Values | Remarks • Method |
|-------------------------------------|---|-------------------------|
| pH | 7.2 ± 0.2 (conc) 7.0 ± 0.2 (1:16 dilution) | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | 100 °C / 212 °F | |
| Flash Point | None | |
| Evaporation Rate | 1.0 | (Water = 1) |
| Flammability (Solid, Gas) | n/a-liquid | |
| Flammability Limits in Air | | |
| Upper Flammability Limits | Not applicable | |
| Lower Flammability Limit | Not applicable | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | 1.01 | |
| Water Solubility | Infinite | |
| Solubility(ies) | Not determined | |
| Partition Coefficient | Not determined | |
| Autoignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Hazardous Polymerization

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

Keep out of reach of children.

10.5. Incompatible Materials

Chlorine bleach.

10.6. Hazardous Decomposition Products

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|-------------|-----------|
| Oral LD50 | 13,100.00 |
| UNITS | mg/kg |
| Dermal LD50 | 19,940.00 |
| UNITS | mg/kg |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-------------------------|----------------------|----------------------|-----------------|
| Ethoxylated Nonylphenol | = 1310 mg/kg (Rat) | = 2 mL/kg (Rabbit) | |

Symptoms

Please see section 4 of this SDS for symptoms.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Not determined.

12.4. Mobility in Soil

Mobility
Not determined.

12.5. Results of PBT and vPvB Assessment

Not determined.

12.6. Other Adverse Effects

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

| | |
|--|---|
| Waste from Residues / Unused Products | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated Packaging | Improper disposal or reuse of this container may be dangerous and illegal. |

SECTION 14: TRANSPORT INFORMATION

IMDG

| | |
|---------------|---------------|
| 14.1 UN/ID No | Not regulated |
| 14.2 | |
| 14.3 | |
| 14.4 | |
| 14.5 | |
| 14.6 | |
| 14.7 | |

RID

| | |
|---------------|---------------|
| 14.1 UN/ID No | Not regulated |
| 14.2 | |
| 14.3 | |
| 14.4 | |
| 14.5 | |
| 14.6 | |

ADR

| | |
|---------------|---------------|
| 14.1 UN/ID No | Not regulated |
| 14.2 | |
| 14.3 | |
| 14.4 | |
| 14.5 | |
| 14.6 | |

ICAO (air)

| | |
|---------------|---------------|
| 14.1 UN/ID No | Not regulated |
| 14.2 | |
| 14.3 | |
| 14.4 | |
| 14.5 | |
| 14.6 | |

IATA

| | |
|---------------|---------------|
| 14.1 UN/ID No | Not regulated |
| 14.2 | |
| 14.3 | |
| 14.4 | |
| 14.5 | |
| 14.6 | |

SECTION 15: REGULATORY INFORMATION**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

| | |
|---------------|---|
| TSCA | - |
| EINECS/ELINCS | - |
| DSL/NDSL | - |
| PICCS | - |
| ENCS | - |
| IECSC | - |
| AICS | - |
| KECL | - |

Legend

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

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

SECTION 16: OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3**

Not Applicable

Classification Procedure

Calculation method

| | |
|-----------------------|-------------|
| Issue Date | 27-Dec-2011 |
| Revision Date: | 23-Jul-2013 |
| Revision Note | New format. |

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

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