



# Safety Data Sheet

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Version 1

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

### 1.1. Product Identifier

**SDS #** BE-6031-EU  
**Product Code** 6031, E/S 6031  
**Product Name** Buckeye Eco pH Neutral Cleaner

**1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
**Recommended Use** pH neutral cleaner 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**

Serious eye damage/eye irritation	Category 2
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#### **Classification according to 67/548/EEC**

Full text of R-phrases: see section 16

#### **Hazard Symbols**

Not dangerous

**2.2. Label Elements****Signal Word**

Warning

**Hazard Statements**

H319 - Causes serious eye irritation

**Precautionary Statements - EU (§28, 1272/2008)**

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

**2.3. Other Hazards****General Hazards**

None known

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

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Sodium xylenesulfonate	Present	1300-72-7	<10	-	Eye Irrit. 2 (H319)	Not determined
Borax	-	1303-96-4	<5	Repr.Cat.2; R60-61	Repr. 1B (H360FD)	Not determined

**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** Contact will cause irritation and redness to exposed areas. Can cause defatting of skin tissue.

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

**Notes to Physician** Treat symptomatically. Dermatitis or other pre-existing skin conditions may be aggravated by overexposure to this product.

**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. Use personal protection recommended in Section 8.

#### 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 container tightly closed and store in a cool, dry 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

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Borax 1303-96-4		STEL: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	STEL: 6 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	
Component	Italy	Portugal	Netherlands	Finland	Denmark
Borax 1303-96-4 ( <5 )		STEL: 6 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>			TWA: 2 mg/m <sup>3</sup> Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Borax 1303-96-4		STEL: 5 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

### 8.2. Exposure Controls

#### Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

#### Personal Protective Equipment

##### Eye/Face Protection

Risk of contact: Wear approved safety goggles.

##### Hand Protection

Rubber gloves.

##### Skin and Body Protection

Footwear that keeps feet dry is suggested.

##### 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

#### Appearance

Clear purple solution

#### Odor

Lavender

#### Color

Clear purple

#### Odor Threshold

Not determined

#### Property

#### Values

#### Remarks • Method

#### pH

6.81 ± 0.2 (conc)  
7.08 ± 0.2 (1:128 dilution)

#### Melting Point/Freezing Point

Not determined

#### Boiling Point/Boiling Range

100 °C / 212 °F

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Flash Point	None	Tag Closed Cup
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	1.049	
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

**Eye Contact** Causes serious eye irritation.

**Unknown Acute Toxicity** 10% 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 25,411.00  
UNITS mg/kg

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium xylenesulfonate	= 7200 mg/kg ( Rat )		
Borax	= 2660 mg/kg ( Rat )		
Citric Acid	= 3000 mg/kg ( Rat )		

**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	Listed
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**

R61 - May cause harm to the unborn child

R60 - May impair fertility

**Classification Procedure**

Calculation method

<b>Issue Date</b>	06-Jan-2012
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<b>Revision Note</b>	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**

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End of Safety Data Sheet