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Version 1

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

### 1.1. Product Identifier

**SDS #** BE-5360-EU  
**Product Code** 5360  
**Product Name** Buckeye Touch & Go

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

**Recommended Use** Bonnet carpet cleaner

### 1.3. Details of the Supplier of the Safety Data Sheet

<b>Importer</b> UK Contact David Pinder, EU General Manager 12 Paskin Close Fradley Village, NR Lichfield Staffordshire, WS13 8NZ UK	<b>REACH Only Representative</b> TSGE TSGE@TSGEurope.com	<b>Supplier</b> Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA
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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
Chronic aquatic toxicity	Category 3

**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

H412 - Harmful to aquatic life with long lasting effects

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

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

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

**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 lauroyl sarcosinate	Present	137-16-6	<5	-	Skin Irrit. 2 (H315) Acute Tox. 2 (H330) Eye Dam. 1 (H318)	Not determined
Benzyl alcohol	Present	100-51-6	<5	Xn; R20/22	Acute Tox. 4 (H302) Acute Tox. 4 (H332)	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. Direct eye contact may cause stinging, tearing and redness. 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. Oxides of sulfur.

### **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. Avoid release to the environment. 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 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

Component	Italy	Portugal	Netherlands	Finland	Denmark
Benzyl alcohol 100-51-6 (<5)				TWA: 10 ppm TWA: 45 mg/m <sup>3</sup>	
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Benzyl alcohol 100-51-6			TWA: 240 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

Provide adequate ventilation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

#### Physical State

Liquid

#### Appearance

Lime green solution

#### Color

Lime green

#### Odor

Floral

#### Odor Threshold

Not determined

#### Property

#### Values

#### Remarks • Method

#### pH

7.9 ± 0.2 (conc)  
7.5 ± 0.2 (1:12 dilution)

#### Melting Point/Freezing Point

Not determined

#### Boiling Point/Boiling Range

100 °C / 212 °F

#### Flash Point

None

Tag Closed Cup  
(Water = 1)

#### Evaporation Rate

1.0

#### 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. Sulfur oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on Toxicological Effects****Acute Toxicity****Product Information**

**Eye Contact** Causes serious eye irritation.

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

Oral LD50	12,583.00
UNITS	mg/kg
Dermal LD50	8,992.00
UNITS	mg/kg
Inhalation	
Gas	14,000.00
UNITS	mg/L
Mist	10
UNITS	mg/L
Vapor	176.00
UNITS	mg/L

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol	= 1230 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit )	= 8.8 mg/L ( Rat ) 4 h
Sodium lauryl sulfate	= 1288 mg/kg ( Rat )	= 580 mg/kg ( Rabbit )	> 3900 mg/m <sup>3</sup> ( Rat ) 1 h

**Symptoms**

Please see section 4 of this SDS for symptoms.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Benzyl alcohol	35: 3 h <i>Anabaena variabilis</i> mg/L EC50	460: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	23: 48 h water flea mg/L EC50

**12.2. Persistence and Degradability**

Not determined.

**12.3. Bioaccumulative Potential**

Chemical Name	Partition Coefficient
Benzyl alcohol	1.1

**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.

<b>SECTION 14: TRANSPORT INFORMATION</b>
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**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	

<b>SECTION 15: REGULATORY INFORMATION</b>
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**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****Occupational Illnesses (R-463-3, France)**

Chemical Name	French RG number	Title
Benzyl alcohol 100-51-6	RG 84	

**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****Safety Data Sheet Status**

The Risk Phrases/Hazard Statements listed below in Section 16 are related to the Raw Materials (ingredients) in the Product (as listed in Section 3) and NOT only the product itself. For the Risk Phrases/Hazard Statements relating to this Product see Section 2.

**Full text of R-phrases referred to under sections 2 and 3**

R20/22 - Harmful by inhalation and if swallowed

**Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation

H330 - Fatal if inhaled

H318 - Causes serious eye damage

H302 - Harmful if swallowed

H332 - Harmful if inhaled

**Classification Procedure**

Calculation method

Expert judgment and weight of evidence determination

**Issue Date** 27-Dec-2011

**Revision Date:** 02-Aug-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