



# Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 11-Nov-2016

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Buckeye Castleguard

### Other means of identification

**SDS #** BE-5125-CA

**Product Code** 5125  
**Synonyms** None

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

**Recommended Use** Floor Finish, Water Based

**Uses Advised Against** No information available

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

#### Initial Supplier Identifier

The Cleaning House  
973 Barton St. E  
Hamilton, ON L8L 3C4  
905/547-2636

#### United States Supplier Address

Buckeye International, Inc.  
2700 Wagner Place  
Maryland Heights, MO 63043 USA  
1-314-291-1900

### 24 hr Emergency Telephone Numbers

TRANSPORTATION - INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

MEDICAL - 1-651-632-8956 (International) 1-800-303-0441 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** White opaque solution

**Physical state** Liquid

**Odour** Sweet polymer scent No fragrance added

### Classification

Reproductive toxicity

Category 1B

### Label Elements

#### Signal word

**Danger**

#### Hazard statements

May damage fertility or the unborn child

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Information**

Toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical Name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Dibutyl phthalate	84-74-2	0.85	-	-

**First Aid Measures****General advice**

If exposed or concerned: Get medical advice/attention.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a doctor if irritation persists.

**Skin contact**

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a doctor. Take off contaminated clothing and wash it before reuse.

**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.

**Ingestion**

Drink 2-3 large glasses of water. Do NOT induce vomiting. Call a doctor. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects****Symptoms**

Contact will cause irritation and redness to exposed areas.

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

**Note to doctors** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Combustion products may be toxic.
<b>Hazardous Combustion Products</b>	Carbon oxides. Phosphorus oxides. Nitrogen oxides (NOx).
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

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

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

**Environmental precautions**

**Environmental precautions** 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**

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

**Methods for cleaning up** Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8.

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

<b>Storage Conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Keep container closed when not in use. Keep from freezing. Store at room temperature. Do not store above 110°F. Store locked up.
<b>Incompatible materials</b>	Acids Strong alkalis Heavy metal salts

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Limits**

Chemical Name	Canada - Alberta - Occupational Exposure Limits - Ceilings	Canada - British Columbia - Occupational Exposure Limits - Ceilings	Canada - Ontario - Occupational Exposure Limits - Ceilings	Quebec
Dibutyl phthalate 84-74-2	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> Adverse reproductive effect	TWA: 5 mg/m <sup>3</sup>	TWA: 5 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** Rubber gloves. Wear suitable protective clothing.

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

**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>Appearance</b>	White opaque solution
<b>Colour</b>	White
<b>Odour</b>	Sweet polymer scent No fragrance added
<b>Odour Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	7.4-7.8 (conc. and use dilution)	
<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
<b>Evaporation Rate</b>	1.0	(Water = 1)
<b>Flammability (Solid, Gas)</b>	Liquid- Not Applicable	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not Applicable	
<b>Lower Flammability Limit</b>	Not Applicable	
<b>Vapour Pressure</b>	Not determined	

Vapour Density	Not determined
Relative Density	1.03
Water Solubility	Miscible in water
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive properties	No information available.
Oxidising properties	No information available.

**Other Information**

Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk Density	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Contact with acids liberates toxic gas.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerisation</b>	Hazardous polymerisation does not occur.
<b>Conditions to Avoid</b>	Keep out of reach of children.
<b>Incompatible Materials</b>	Acids. Strong alkalis. Heavy metal salts.
<b>Hazardous Decomposition Products</b>	Carbon oxides. Phosphorous oxides. Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<b>Product Information</b>	The information below is for repeated and prolonged contact in an occupational setting. It does not apply to normal product use
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	Avoid contact with skin.
<b>Inhalation</b>	May increase the absorption or uptake of other chemicals.
<b>Ingestion</b>	Do not ingest.

**Information on physical, chemical and toxicological effects**

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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**Numerical measures of toxicity**

Not determined

**Acute Toxicity**

ATEmix (inhalation-dust/mist) 92.63

Unknown acute toxicity No information available

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dibutyl phthalate 84-74-2	= 7499 mg/kg ( Rat )	> 20000 mg/kg ( Rabbit )	> 15.68 mg/L ( Rat ) 4 h

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

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity May damage fertility or the unborn child.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity Toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dibutyl phthalate 84-74-2	1.2: 72 h Desmodesmus subspicatus mg/L EC50 0.4: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1.24 - 5.3: 96 h Oncorhynchus mykiss mg/L LC50 static 1.24: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.71 - 1.2: 96 h Pimephales promelas mg/L LC50 flow-through 1.38 - 1.74: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.31 - 5.45: 96 h Pimephales promelas mg/L LC50 static 0.42 - 1.28: 96 h Lepomis macrochirus mg/L LC50 static	EC50 = 10.9 mg/L 30 min EC50 = 10.9 mg/L 5 min EC50 = 11.1 mg/L 15 min EC50 = 2.2 mg/L 24 h	3.4: 48 h Daphnia magna mg/L EC50 2.99: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability No information available.

Bioaccumulation No information available.

Mobility .

Chemical Name	Partition Coefficient
Dibutyl phthalate 84-74-2	5.38

Other Adverse Effects No information available.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

## 15. REGULATORY INFORMATION

### REGULATORY INFORMATION

#### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

#### International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Dibutyl phthalate	X	X	X	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

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b>NFPA</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards -</b>
<b>HMIS</b>	<b>Health Hazards</b> 0	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal Protection</b> X

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation
<b>Issue Date:</b>	27-Dec-2011

**Revision Date:** 11-Nov-2016

**Revision Note:** Canadian format

**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**