



# Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 11-Nov-2016

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Buckeye Ripsaw

### Other means of identification

**SDS #** BE-5025-CA

**Product Code** 5025  
**Synonyms** None

**UN/ID No** UN1760

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

**Recommended Use** Floor finish stripper, 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  
(International) 1-651-632-8956 (North America) 1-800-303-0441

### 24 HR Emergency Telephone Numbers

TRANSPORTATION - NFOTRAC 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** Water clear liquid

**Physical state** Liquid

**Odour** Mild No fragrance added

### Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

### Label Elements

**Signal word**  
Danger

**Hazard statements**

Causes severe skin burns and eye damage

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapours/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

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

Immediately call a POISON CENTRE or doctor

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

Wash contaminated clothing before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Immediately call a POISON CENTRE or doctor

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Information**

Harmful 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)
Benzyl alcohol	100-51-6	14	-	-
Ethylene glycol monophenyl ether	122-99-6	9	-	-
Ethanolamine	141-43-5	5	-	-
Octanoic Acid	124-07-2	4	-	-
Sodium metasilicate	6834-92-0	2	-	-
Sodium hydroxide	1310-73-2	1.1	-	-

### 4. FIRST AID MEASURES

**First Aid Measures****Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.

<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash it before reuse. Seek immediate medical attention/advice.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical attention/advice.
<b>Ingestion</b>	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause redness, pain, and severe skin burns. Nausea. Headache. May cause skin irritation and defatting of skin with repeated/prolonged contact. Eye contact may cause redness or burning sensation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically. Dermatitis or other pre-existing skin conditions may be aggravated by overexposure to this product.
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<b>5. FIRE-FIGHTING MEASURES</b>
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<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>	Toxic products of combustion.
<b>Hazardous Combustion Products</b>	Oxides of sulphur. Carbon oxides. Nitrogen oxides (NOx). Silicon oxides.
<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.

<b>6. ACCIDENTAL RELEASE MEASURES</b>
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**Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Ensure adequate ventilation.
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**Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
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**Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Do not breathe dust/fume/gas/mist/vapours/spray. Wash face, hands and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Keep out of the reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Store at room temperature. Store away from incompatible materials. Store on low shelves.

**Incompatible materials** Chlorine bleach Acids

## 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
Ethylene glycol monophenyl ether 122-99-6			TWA: 25 ppm TWA: 141 mg/m <sup>3</sup> Skin	
Ethanolamine 141-43-5	TWA: 3 ppm TWA: 7.5 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>	TWA: 3 ppm STEL: 6 ppm	TWA: 3 ppm STEL: 6 ppm	TWA: 3 ppm TWA: 7.5 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	CEV: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### 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. Normal work clothing (long sleeved shirts and long pants) is recommended. Wear water or chemical resistant footwear when scrubbing floors.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Water clear liquid
Colour	Water clear
Odour	Mild No fragrance added
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	12.6±0.3	1:4 dilution with DI water 12.3±0.2
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	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1.06	
Water Solubility	Infinite	
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

Reactivity	No information available.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerisation	Hazardous polymerisation does not occur.
Conditions to Avoid	None known based on information supplied.
Incompatible Materials	Chlorine bleach. Acids.
Hazardous Decomposition Products	Oxides of sulphur. Carbon oxides. Nitrogen oxides (NOx). Silicon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

<b>Eye contact</b>	Causes severe eye damage.
<b>Skin contact</b>	Causes severe skin burns.
<b>Inhalation</b>	Avoid breathing vapours or mists.
<b>Ingestion</b>	May be harmful if swallowed.

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

**Symptoms** Please see section 4 of this SDS for symptoms.

**Numerical measures of toxicity**

Not determined

**Unknown acute toxicity** No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol 100-51-6	= 1230 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	= 8.8 mg/L ( Rat ) 4 h
Ethylene glycol monophenyl ether 122-99-6	= 1260 mg/kg ( Rat )	= 5 mL/kg ( Rabbit )	-
Ethanolamine 141-43-5	= 1720 mg/kg ( Rat )	= 1 mL/kg ( Rabbit ) = 1000 mg/kg ( Rabbit )	-
Octanoic Acid 124-07-2	= 10080 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Sodium metasilicate 6834-92-0	= 1153 mg/kg ( Rat )	-	-
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg ( Rabbit )	-

**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.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzyl alcohol 100-51-6	35: 3 h Anabaena variabilis mg/L EC50	10: 96 h Lepomis macrochirus mg/L LC50 static 460: 96 h Pimephales promelas mg/L LC50 static	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	23: 48 h water flea mg/L EC50
Ethylene glycol monophenyl ether 122-99-6	500: 72 h Desmodemus subspicatus mg/L EC50	337 - 352: 96 h Pimephales promelas mg/L LC50 flow-through 366: 96 h Pimephales promelas mg/L LC50 static 220 - 460: 96 h Leuciscus idus mg/L LC50 static	EC50 = 32.4 mg/L 5 min EC50 = 880 mg/L 17 h	500: 48 h Daphnia magna mg/L EC50

Ethanolamine 141-43-5	15: 72 h <i>Desmodemus subspicatus</i> mg/L EC50	114 - 196: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 300 - 1000: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 3684: 96 h <i>Brachydanio rerio</i> mg/L LC50 static 227: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 200: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through	EC50 = 110 mg/L 17 h EC50 = 12200 mg/L 2 h EC50 = 13.7 mg/L 30 min	65: 48 h <i>Daphnia magna</i> mg/L EC50
Octanoic Acid 124-07-2	-	310: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static 110: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static	-	170: 24 h <i>Daphnia magna</i> mg/L EC50
Sodium metasilicate 6834-92-0	-	210: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 210: 96 h <i>Brachydanio rerio</i> mg/L LC50	-	216: 96 h <i>Daphnia magna</i> mg/L EC50
Sodium hydroxide 1310-73-2	-	45.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	-	-

**Persistence/Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** .

Chemical Name	Partition Coefficient
Benzyl alcohol 100-51-6	1.1
Ethylene glycol monophenyl ether 122-99-6	1.13
Ethanolamine 141-43-5	-1.91
Octanoic Acid 124-07-2	2.92

**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

#### DOT

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)  
**Hazard Class** 8  
**Packing Group** II

**TDG**

UN/ID No UN1760  
 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)  
 Hazard Class 8  
 Packing Group II

**IATA**

UN/ID No UN1760  
 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)  
 Hazard Class 8  
 Packing Group II

**IMDG**

UN/ID No UN1760  
 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)  
 Hazard Class 8  
 Packing Group II

<b>15. REGULATORY INFORMATION</b>
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**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
Benzyl alcohol	X	X	X	Present	X	Present	X	X
Ethylene glycol monophenyl ether	X	X	X	Present	X	Present	X	X
Ethanolamine	X	X	X	Present	X	Present	X	X
Octanoic Acid	X	X	X	Present	X	Present	X	X
Sodium metasilicate	X	X	X	Present	X	Present	X	X
Sodium hydroxide	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**

<u>NFPA</u>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards</b> Not determined
<u>HMIS</u>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Physical hazards</b> Not determined	<b>Personal Protection</b> Not determined

**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**

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**End of Safety Data Sheet**