



Issue Date 27-Dec-2011

Revision Date: 18-Jun-2013

Version 1

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

### 1.1. Product Identifier

**SDS #** BE-5025-EU  
**Product Code** 5025  
**Product Name** Buckeye Ripsaw

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

**Recommended Use** Floor finish stripper, water based

### 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**

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

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

**Hazard Symbols**  
 C - Corrosive

**R-code(s)**  
 Xn;R22 - C;R34 - Xi;R37

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

Danger

**Hazard Statements**

H314 - Causes severe skin burns and eye damage

EUH210 - Safety data sheet available on request

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

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

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

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P363 - Wash contaminated clothing before reuse

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

P310 - Immediately call a POISON CENTER or doctor/physician

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P315 - Get immediate medical advice/attention

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P405 - Store locked up

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**

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
Benzyl alcohol	Present	100-51-6	<15.0	Xn; R20/22	Acute Tox. 4 (H302) Acute Tox. 4 (H332)	Not determined
Ethylene glycol monophenyl ether	Present	122-99-6	<10.0	Xn; R22 Xi; R36	Acute Tox. 4 (H302) Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Eye Irrit. 2 (H319)	Not determined
Ethanolamine	Present	141-43-5	5	Xn; R20/21/22 C; R34	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314)	Not determined
Octanoic Acid	Present	124-07-2	<5.0	-	Skin Corr. 1B (H314)	Not determined
Sodium xylenesulfonate	Present	1300-72-7	<4.0	-	Eye Irrit. 2 (H319)	Not determined

Sodium metasilicate	Present	6834-92-0	2	C; R34 Xi; R37	Skin Corr. 1B (H314) STOT SE 3 (H335) Skin Corr. 1B (H314) STOT SE 3 (inhalation) Met. Corr. 1 (H290) Eye Dam. 1 (H318)	Not determined
Sodium hydroxide	Present	1310-73-2	1.1	C; R35	Skin Corr. 1A (H314) Skin Corr. 1A (H314) Met. Corr. 1 (H290) Eye Dam. 1 (H318)	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

<b>Eye Contact</b>	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. Wash contaminated clothing before reuse. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.
<b>Ingestion</b>	Drink 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

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

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

<b>Notes to Physician</b>	Treat symptomatically. Dermatitis or other pre-existing skin conditions may be aggravated by overexposure to this product.
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## 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

Toxic products of combustion

#### **Hazardous Combustion Products**

Oxides of sulfur. Carbon oxides. Nitrogen oxides (NOx). Silicon oxides.

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**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**

See Section 12 for additional Ecological Information.

**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**

Do not breathe dust/fume/gas/mist/vapors/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.

**General Hygiene Considerations**

Wash contaminated clothing before reuse.

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

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

**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

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Ethylene glycol monophenyl ether 122-99-6					TWA: 20 ppm TWA: 110 mg/m <sup>3</sup> Ceiling / Peak: 40 ppm Ceiling / Peak: 220 mg/m <sup>3</sup> Skin
Ethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> Skin	STEL: 3 ppm STEL: 7.6 mg/m <sup>3</sup> TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> Skin	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> STEL: 3 ppm STEL: 7.6 mg/m <sup>3</sup>	S* STEL: 3 ppm STEL: 7.5 mg/m <sup>3</sup> TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 5.1 mg/m <sup>3</sup> Ceiling / Peak: 4 ppm Ceiling / Peak: 10.2 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2		STEL: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	
Component	Italy	Portugal	Netherlands	Finland	Denmark
Benzyl alcohol 100-51-6 ( <15.0 )				TWA: 10 ppm TWA: 45 mg/m <sup>3</sup>	
Ethylene glycol monophenyl ether 122-99-6 ( <10.0 )				TWA: 20 ppm TWA: 110 mg/m <sup>3</sup> STEL: 50 ppm STEL: 290 mg/m <sup>3</sup> Skin	
Ethanolamine 141-43-5 ( 5 )	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> STEL: 3 ppm STEL: 7.6 mg/m <sup>3</sup> Skin	STEL: 6 ppm TWA: 3 ppm	Skin STEL: 7.6 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> STEL: 3 ppm STEL: 7.6 mg/m <sup>3</sup> Skin	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> Skin
Sodium hydroxide 1310-73-2 ( 1.1 )		Ceiling: 2 mg/m <sup>3</sup>		STEL: 2 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Benzyl alcohol 100-51-6			TWA: 240 mg/m <sup>3</sup>		
Ethylene glycol monophenyl ether 122-99-6	Skin STEL 20 ppm STEL 110 mg/m <sup>3</sup> TWA: 20 ppm TWA: 110 mg/m <sup>3</sup> Ceiling 20 ppm Ceiling 110 mg/m <sup>3</sup>	Skin STEL: 40 ppm STEL: 220 mg/m <sup>3</sup> TWA: 20 ppm TWA: 110 mg/m <sup>3</sup>	TWA: 230 mg/m <sup>3</sup>		
Ethanolamine 141-43-5	Skin STEL 3 ppm STEL 7.6 mg/m <sup>3</sup> TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup>	STEL: 4 ppm STEL: 10 mg/m <sup>3</sup> TWA: 2 ppm TWA: 5 mg/m <sup>3</sup>	STEL: 7.5 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> Skin STEL: 3 ppm STEL: 5 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 2.5 mg/m <sup>3</sup> STEL: 3 ppm STEL: 7.6 mg/m <sup>3</sup> Skin
Sodium hydroxide 1310-73-2	STEL 4 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	STEL: 1 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	STEL: 2 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

Wear suitable protective clothing and footwear appropriate for the risk of exposure.

##### Respiratory Protection

Provide adequate ventilation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild No fragrance added
<b>Appearance</b>	Water clear liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Water clear		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	12.6±0.3	1:4 dilution with DI water 12.3±0.2	
<b>Melting Point/Freezing Point</b>	0 °C / 32 °F		
<b>Boiling Point/Boiling Range</b>	100 °C / 212 °F		
<b>Flash Point</b>	None		
<b>Evaporation Rate</b>	1.0	(Water = 1)	
<b>Flammability (Solid, Gas)</b>	n/a-liquid		
<b>Flammability Limits in Air</b>			
<b>Upper Flammability Limits</b>	Not applicable		
<b>Lower Flammability Limit</b>	Not applicable		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	Not determined		
<b>Specific Gravity</b>	1.06	(1=Water)	
<b>Water Solubility</b>	Infinite		
<b>Solubility(ies)</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Autoignition Temperature</b>	Not determined		
<b>Decomposition Temperature</b>	Not determined		
<b>Kinematic Viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		
<b>Oxidizing Properties</b>	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

Contact with incompatible materials.

### 10.5. Incompatible Materials

Chlorine bleach. Acids.

**10.6. Hazardous Decomposition Products**

None known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on Toxicological Effects****Acute Toxicity****Product Information****Eye Contact** Causes severe eye damage.**Skin Contact** Causes severe skin burns.**Inhalation** Avoid breathing vapors or mists.**Ingestion** May be harmful if swallowed.**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

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
Ethylene glycol monophenyl ether	= 1260 mg/kg ( Rat )	= 5 mL/kg ( Rabbit ) = 14422 mg/kg ( Rat )	
Ethanolamine	= 1720 mg/kg ( Rat )	= 1 mL/kg ( Rabbit ) = 1025 mg/kg ( Rabbit )	
Octanoic Acid	= 10080 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
Sodium xylenesulfonate	= 7200 mg/kg ( Rat )		
Sodium metasilicate	= 600 mg/kg ( Rat )		
Sodium hydroxide		= 1350 mg/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

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Benzyl alcohol	35: 3 h Anabaena variabilis mg/L EC50	460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static	23: 48 h water flea mg/L EC50
Ethylene glycol monophenyl ether	500: 72 h Desmodesmus 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	500: 48 h Daphnia magna mg/L EC50
Ethanolamine	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	65: 48 h Daphnia magna mg/L EC50

Octanoic Acid		310: 96 h Oryzias latipes mg/L LC50 semi-static 110: 96 h Brachydanio rerio mg/L LC50 semi-static	170: 24 h Daphnia magna mg/L EC50
Sodium metasilicate		210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	216: 96 h Daphnia magna mg/L EC50
Sodium hydroxide		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	

**12.2. Persistence and Degradability**

Not determined.

**12.3. Bioaccumulative Potential**

Chemical Name	Partition Coefficient
Benzyl alcohol	1.1
Ethylene glycol monophenyl ether	1.13
Ethanolamine	-1.91
Octanoic Acid	2.92

**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	UN1760
14.2 Proper Shipping Name	Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
14.3 Hazard Class	8
14.4 Packing Group	II
14.5	
14.6	
14.7	

**RID**

14.1 UN/ID No	UN1760
14.2 Proper Shipping Name	Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
14.3 Hazard Class	8
14.4 Packing Group	II
14.5	
14.6	



**ADR**

14.1 UN/ID No	UN1760
14.2 Proper Shipping Name	Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
14.3 Hazard Class	8
14.4 Packing Group	II
14.5	
14.6	

**ICAO (air)**

14.1 UN/ID No	UN1760
14.2 Proper Shipping Name	Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
14.3 Hazard Class	8
14.4 Packing Group	II
14.5	
14.6	

**IATA**

14.1 UN/ID No	UN1760
14.2 Proper Shipping Name	Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
14.3 Hazard Class	8
14.4 Packing Group	II
14.5	
14.6	

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

Chemical Name	French RG number	Title
Benzyl alcohol 100-51-6	RG 84	
Ethylene glycol monophenyl ether 122-99-6	RG 84	
Ethanolamine 141-43-5	RG 49, RG 49bis	

**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****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**

R36 - Irritating to eyes  
R22 - Harmful if swallowed  
R34 - Causes burns  
R37 - Irritating to respiratory system  
R35 - Causes severe burns  
R20/22 - Harmful by inhalation and if swallowed  
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

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

H302 - Harmful if swallowed  
H332 - Harmful if inhaled  
H314 - Causes severe skin burns and eye damage  
H319 - Causes serious eye irritation  
H290 - May be corrosive to metals  
H318 - Causes serious eye damage  
H312 - Harmful in contact with skin  
H335 - May cause respiratory irritation

**Classification Procedure**

Calculation method

**Issue Date** 27-Dec-2011  
**Revision Date:** 18-Jun-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