



Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 06-Dec-2018

Version 2

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

Contains Benzyl alcohol, Ethanolamine, Octanoic Acid, Sodium metasilicate

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

Importer UK Contact Lewis Kirby, EU General Manager 25 Frances Brady Way Kingston Upon Hull HU9 3BW UK	REACH Only Representative TSGE TSGE@TSGEurope.com	Supplier Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA
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For further information, please contact

Contact Point Lewis Kirby, EU General Manager: +4407792782066
 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 - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity — single exposure	Category 3 - (H335)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label Elements

Product Identifier
 Contains Benzyl alcohol, Ethanolamine, Octanoic Acid, Sodium metasilicate

**Signal Word**

Danger

Hazard statements

H314 - Causes severe skin burns and eye damage

H335 - May cause respiratory irritation

H412 - Harmful to aquatic life with long lasting effects

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

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

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

P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

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

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

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

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

P310 - Immediately call a POISON CENTER or doctor/physician

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

P405 - Store locked up

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

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

2.3. Other Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 MIXTURES**

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Benzyl alcohol	Present	100-51-6	<15.0	Acute Tox. 4 (H302) Acute Tox. 4 (H332)	Not determined
Ethylene glycol monophenyl ether	Present	122-99-6	<10.0	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)	Not determined
Ethanolamine	Present	141-43-5	5	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. 1C (H314) Aquatic Chronic 3 (H412)	Not determined
Sodium metasilicate	Present	6834-92-0	2	Skin Corr. 1B (H314) STOT SE 3 (H335)	Not determined
Sodium hydroxide	Present	1310-73-2	1.1	Skin Corr. 1A (H314)	Not determined

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of 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.
Skin Contact	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.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or poison control centre immediately.

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

Symptoms	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

Notes to Physician	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 sulphur. Carbon oxides. Nitrogen oxides (NOx). Silicon 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

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.

Section 7: HANDLING AND STORAGE**7.1. 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.

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)**Specific Use(s)**

Floor finish stripper. Water based.

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
Ethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m ³ Skin	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³ Skin	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³	S* STEL: 3 ppm STEL: 7.5 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	TWA: 0.2 ppm TWA: 0.5 mg/m ³ H*
Sodium hydroxide 1310-73-2	-	STEL: 2 mg/m ³	TWA: 2 mg/m ³	STEL: 2 mg/m ³	-
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Ethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	Skin STEL: 7.6 mg/m ³ TWA: 2.5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin	TWA: 1 ppm TWA: 2.5 mg/m ³ Skin
Sodium hydroxide 1310-73-2	-	Ceiling: 2 mg/m ³	-	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Ethanolamine 141-43-5	Skin STEL 3 ppm STEL 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	STEL: 4 ppm STEL: 10 mg/m ³ TWA: 2 ppm TWA: 5 mg/m ³	STEL: 7.5 mg/m ³ TWA: 2.5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ Skin STEL: 2 ppm STEL: 5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin
Sodium hydroxide 1310-73-2	STEL 4 mg/m ³ TWA: 2 mg/m ³	STEL: 2 mg/m ³ TWA: 2 mg/m ³	STEL: 1 mg/m ³ TWA: 0.5 mg/m ³	Ceiling: 2 mg/m ³	STEL: 2 mg/m ³

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 Ensure adequate ventilation, especially in confined areas.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical state	Liquid	Odour	Mild No fragrance added
Appearance	Water clear liquid	Odour Threshold	Not determined
Colour	Water clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	12.6±0.3	
Melting point / freezing point	0 °C / 32 °F	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	None	
Evaporation Rate	1.0	(n-BuAc =1)
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1.06	
Water Solubility	Mostly Soluble	
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	
Oxidising Properties	Not determined	

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 Polymerisation**

Hazardous polymerisation 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**

Inhalation	Do not inhale.
Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Ingestion	Do not ingest.

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

ATEmix (oral)	2,905.24 mg/kg
ATEmix (dermal)	6,765.00 mg/kg
ATEmix (inhalation-gas)	5,000.00 ppm
ATEmix (inhalation-dust/mist)	7.89 mg/L

Unknown Acute Toxicity

- 0 % of the mixture consists of ingredient(s) of unknown toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
Ethylene glycol monophenyl ether	= 1260 mg/kg (Rat)	= 5 mL/kg (Rabbit)	
Ethanolamine	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1000 mg/kg (Rabbit)	
Octanoic Acid	= 10080 mg/kg (Rat)	> 5 g/kg (Rabbit)	
Sodium xylenesulfonate	= 1000 mg/kg (Rat)		
Sodium metasilicate	= 1153 mg/kg (Rat)		
Sodium hydroxide	140 - 340 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	

Skin corrosion/irritation Causes severe skin burns.**Serious eye damage/eye irritation** Causes severe eye damage.

Sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	May cause respiratory irritation.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

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	10: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 460: 96 h <i>Pimephales promelas</i> mg/L LC50 static	23: 48 h water flea mg/L EC50
Ethylene glycol monophenyl ether	500: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	220 - 460: 96 h <i>Leuciscus idus</i> mg/L LC50 static 337 - 352: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 366: 96 h <i>Pimephales promelas</i> mg/L LC50 static	500: 48 h <i>Daphnia magna</i> mg/L EC50
Ethanolamine	15: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	227: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 200: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 300 - 1000: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 114 - 196: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 3684: 96 h <i>Brachydanio rerio</i> mg/L LC50 static	65: 48 h <i>Daphnia magna</i> mg/L EC50
Octanoic Acid		110: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 310: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static	170: 24 h <i>Daphnia magna</i> mg/L EC50
Sodium metasilicate		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		45.4: 96 h <i>Oncorhynchus mykiss</i> 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 number UN1760
 14.2 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
 14.3 Transport hazard class(es) 8
 14.4 Packing Group II

RID

14.1 UN/ID No UN1760
 14.2 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
 14.3 Transport hazard class(es) 8
 14.4 Packing Group II

ADR

14.1 UN number UN1760
 14.2 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
 14.3 Transport hazard class(es) 8
 14.4 Packing Group II

IATA

14.1 UN number UN1760
 14.2 Proper Shipping Name Corrosive liquid, n.o.s. (Ethanolamine, Sodium hydroxide)
 14.3 Transport hazard class(es) 8
 14.4 Packing Group II

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

France

Occupational Illnesses (R-463-3, France)

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 .

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Benzyl alcohol 100-51-6 (<15.0)	X	X	X	X	X	X	X	X
Ethylene glycol monophenyl ether 122-99-6 (<10.0)	X	X	X	X	X	X	X	X
Ethanolamine 141-43-5 (5)	X	X	X	X	X	X	X	X
Octanoic Acid 124-07-2 (<5.0)	X	X	X	X	X	X	X	X
Sodium xylenesulfonate 1300-72-7 (<4.0)	X	X	X	X	X	X	X	X
Sodium metasilicate 6834-92-0 (2)	X	X	X	X	X	X	X	X
Sodium hydroxide 1310-73-2 (1.1)	X	X	X	X	X	X	X	X

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
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 H-Statements referred to under section 3**

H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
Ceiling Maximum limit value * Skin designation

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Classification Procedure**

Calculation method

Issue Date: 27-Dec-2011
Revision Date: 06-Dec-2018
Revision Note: Regulatory update.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830

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