



Issue Date 27-Dec-2011

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Version 1

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

1.1. Product Identifier

SDS # BE-5370-EU
Product Code 5370
Product Name Buckeye Pathfinder

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

Recommended Use Traffic lane cleaner and spotter

1.3. Details of the Supplier of the Safety Data Sheet

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

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

Chronic aquatic toxicity	Category 3
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Classification according to 67/548/EEC

Full text of R-phrases: see section 16

Hazard Symbols

Not dangerous

2.2. Label Elements**Hazard Statements**

H412 - Harmful to aquatic life with long lasting effects

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

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
Propylene Glycol Phenyl Ether	Present	770-35-4	<5	-	Eye Irrit. 2 (H319)	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 with soap and water. 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 may cause irritation and redness. Direct eye contact may cause stinging, tearing and redness. Can cause defatting of skin tissue.
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4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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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

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.

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.

Packaging Materials

May damage some plastics.

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 This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2. Exposure Controls

Engineering Controls Ventilation systems.

Personal Protective Equipment

Eye/Face Protection	Risk of contact: Wear approved safety goggles.
Hand Protection	Rubber gloves.
Skin and Body Protection	Suitable protective clothing.
Respiratory Protection	Provide adequate ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on Basic Physical and Chemical Properties**

Physical State	Liquid	Odor	Floral
Appearance	Iridescent solution	Odor Threshold	Not determined
Color	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0 ± 0.2 (conc) 7.0 ± 0.5 (1:4 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

Product does not present an acute toxicity hazard based on known or supplied information

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

Oral LD50	12,875.00
UNITS	mg/kg
Dermal LD50	40,000.00
UNITS	mg/kg

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol Phenyl Ether	= 2830 mg/kg (Rat)	> 2 g/kg (Rabbit)	
Dodecyl benzene sulfonic acid	= 500 mg/kg (Rat)		

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

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Not determined

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	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

SECTION 15: REGULATORY INFORMATION

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
Propylene Glycol Phenyl Ether 770-35-4	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

Not Applicable

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

H319 - Causes serious eye irritation

Classification Procedure

Calculation method

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