



Safety Data Sheet

Issue Date: 22-Dec-2014

Revision Date: 04-Dec-2017

Version 2

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

1.1. Product Identifier

SDS #	BE-6061-EU
Product Code	6061
Product Name	Buckeye Eco Heavy Duty Cleaner

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

Recommended Use	Heavy Duty Cleaner, Water Based
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1.3. Details of the Supplier of the Safety Data Sheet

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

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 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)

2.2. Label Elements

Product Identifier

**Signal Word**

Danger

Hazard statements

H315 - Causes skin irritation

H318 - Causes serious eye damage

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

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

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

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P362 - Take off contaminated clothing and wash 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

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
Alcohol Ethoxylate	-	34398-01-1	15	Eye Corr. 1 (H318) (Self-Classification) Skin Irrit. 2 (H315) (Self-Classification)	Not determined
Sodium xylenesulfonate	Present	1300-72-7	3	Eye Irrit. 2 (H319) (Self-Classification) Skin Irrit. 2 (H315) (Self-Classification)	Not determined
Alkylpolyglycoside C8-10	-	68515-73-1	1.05	Eye Corr. 1 (H318) (Self-Classification)	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****General Advice**

Provide this SDS to medical personnel for treatment.

Eye Contact

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 center or doctor/physician.

Skin Contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Take off all contaminated clothing and wash it before reuse.
Inhalation	Remove to fresh air.
Ingestion	Give two large glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

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

Symptoms	Causes skin irritation. Causes serious eye damage. 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.
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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

No information available.

Hazardous Combustion Products

Carbon oxides. Sulphur oxides. Nitrogen oxides (NOx).

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

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

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store at room temperature.

7.3. Specific End Use(s)

Specific Use(s)

Heavy Duty Cleaner, 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

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

Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

Personal Protective Equipment

Eye/Face Protection

Use safety glasses or chemical splash goggles.

Hand Protection

Wear protective gloves.

Skin and Body Protection

Suitable protective clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical state	Liquid	Odour	Mild No fragrance added
Appearance	Clear liquid	Odour Threshold	Not determined
Colour	Clear		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	pH (Conc.) 10.73 pH @ 1oz/gal in D.I. water 7.12 pH @ 4oz/gal in D.I. water 8.95		
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)	Liquid-Not applicable		
Flammability Limits in Air			
Upper Flammability Limits	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Lower Flammability Limit	Not determined	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1.04	
Water Solubility	Infinite	
Solubility(ies)	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	Not determined	
Oxidising Properties	Not determined	

9.2. Other information

Density 1.023 g/ml

Section 10: STABILITY AND REACTIVITY
10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

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

Keep out of reach of children.

10.5. Incompatible Materials

Do not mix with chlorinated detergents (bleach).

10.6. Hazardous Decomposition Products

Nitrogen oxides (NO_x). Carbon oxides. Sulphur oxides.

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)	10,325.00 mg/kg
ATEmix (dermal)	58,658.60 mg/kg

Unknown Acute Toxicity

- 30 % of the mixture consists of ingredient(s) of unknown toxicity.
- 20 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 23 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 30 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 30 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
- 30 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol monobutyl ether	= 1620 µL/kg (Rat)	= 5860 µL/kg (Rabbit)	= 42.1 ppm (Rat) 4 h
Sodium xylenesulfonate	= 1000 mg/kg (Rat)		

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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**

14.2 Proper Shipping Name Not regulated

RID

14.2 Proper Shipping Name Not regulated

ADR

14.2 Proper Shipping Name Not regulated

IATA

14.2 Proper Shipping Name Not regulated

Section 15: REGULATORY INFORMATION**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****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
Alcohol Ethoxylate 34398-01-1 (15)	X	X	X	X	-	X	X	Present
Sodium xylenesulfonate 1300-72-7 (3)	X	X	X	X	Present	X	X	Present
Alkylpolyglycoside C8- 10 68515-73-1 (1.05)	X	X	X	X	-	X	X	Present

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**

H315 - Causes skin irritation

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend

TWA TWA (time-weighted average)

Ceiling Maximum limit value

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

STEL

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STEL (Short Term Exposure Limit)

Skin designation

Classification Procedure

Calculation method

Issue Date: 22-Dec-2014

Revision Date: 04-Dec-2017

Revision Note: Regulatory update.

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