



Safety Data Sheet

Issue Date: 02-Jan-2019

Revision Date: 19-May-2020

Version 1

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

1.1. Product Identifier

SDS # BE-6017-EU
Product Code 6017
Product Name Eco E17 Tub, Tile and Bowl Cleaner

Contains Phosphoric Acid

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Tub, tile, and bowl cleaner

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) Transportation - INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)
 Medical - (International) 1-651-632-8956 (North America) 1-800-303-0441

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Acute toxicity - Inhalation (Dusts/Mists)	Category 4 - (H332)
Skin corrosion/irritation	Category 1 Sub-category B - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Chronic aquatic toxicity	Category 2 - (H411)

2.2. Label Elements

Product Identifier
 Contains Phosphoric Acid

**Signal Word**

Danger

Hazard statements

H314 - Causes severe skin burns and eye damage

H332 - Harmful if inhaled

H411 - Toxic 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 and eye/face protection

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

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

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

P391 - Collect spillage

P405 - Store locked up

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

2.3. Other Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Phosphoric Acid	Present	7664-38-2	20-30	Skin Corr. 1B (H314)	Not determined
Petroleum Distillates, Hydrotreated light	Present	64742-47-8	<1	Asp. Tox. 1 (H304)	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**

Immediately call a poison center or doctor/physician.

Eye Contact

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	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion	Rinse mouth. Do NOT induce vomiting.

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

Symptoms	May be harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage.
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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

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

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

Keep in suitable, closed containers for disposal.

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

Use only outdoors or in a well-ventilated area. Do not breathe dusts or mists. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Store locked up.

7.3. Specific End Use(s)

Specific Use(s)

Tub, tile, and bowl cleaner.

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
Phosphoric Acid 7664-38-2	TWA 1 mg/m ³ STEL 2 mg/m ³	STEL: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 0.2 ppm TWA: 1 mg/m ³ STEL: 0.5 ppm STEL: 2 mg/m ³	STEL: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 2 mg/m ³
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Phosphoric Acid 7664-38-2	TWA: 1 mg/m ³ STEL: 2 mg/m ³	STEL: 3 mg/m ³ TWA: 1 mg/m ³	STEL: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 1 mg/m ³ STEL: 2 mg/m ³	TWA: 1 mg/m ³
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Phosphoric Acid 7664-38-2	STEL 2 mg/m ³ TWA: 1 mg/m ³	STEL: 4 mg/m ³ TWA: 2 mg/m ³	STEL: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 1 mg/m ³ STEL: 2 mg/m ³	TWA: 1 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

If necessary, refer to appropriate regulations and standards.

Hand Protection

If necessary, refer to appropriate regulations and standards.

Skin and Body Protection

If necessary, refer to appropriate regulations and standards.

Respiratory Protection

If necessary, refer to appropriate regulations and standards.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical state	Liquid	Odour	Citrus
Appearance	Not determined	Odour Threshold	Not determined
Colour	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	1.66	
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not determined	
Flash point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	Not determined	
Water Solubility	Not determined	
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	

9.2. Other information

Liquid Density 1.184 gr/ml

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**Possibility of Hazardous Reactions**

None under normal processing.

10.4. Conditions to Avoid

Keep out of reach of children.

10.5. Incompatible Materials

None known based on information supplied.

10.6. Hazardous Decomposition Products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects**Acute toxicity****Product Information**

Inhalation	Harmful if inhaled.
Eye Contact	Avoid contact with eyes.

Skin Contact	Avoid contact with skin.
Ingestion	May be harmful if swallowed.

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

ATEmix (oral)	4,986.67 mg/kg
ATEmix (dermal)	8,930.40 mg/kg
ATEmix (inhalation-dust/mist)	1.63 mg/L

Unknown Acute Toxicity

- 12 % of the mixture consists of ingredient(s) of unknown toxicity.
- 12 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 12 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 12 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 12 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
- 12 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Phosphoric Acid	= 1530 mg/kg (Rat)	= 2740 mg/kg (Rabbit)	> 850 mg/m ³ (Rat) 1 h
Petroleum Distillates, Hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h

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	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Phosphoric Acid		3 - 3.5: 96 h <i>Gambusia affinis</i> mg/L LC50	4.6: 12 h <i>Daphnia magna</i> mg/L EC50
Petroleum Distillates, Hydrotreated light		45: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 2.2: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 2.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	4720: 96 h <i>Den-dronereides heteropoda</i> mg/L LC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

There is no data for this product.

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	UN3264
14.2 Proper Shipping Name	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
14.3 Transport hazard class(es)	8
14.4 Packing Group	III
14.5 Marine Pollutant	This material may meet the definition of a marine pollutant

RID

14.1 UN/ID No	UN3264
14.2 Proper Shipping Name	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
14.3 Transport hazard class(es)	8
14.4 Packing Group	III

ADR

14.1 UN number	UN3264
14.2 Proper Shipping Name	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
14.3 Transport hazard class(es)	8
14.4 Packing Group	III

IATA

14.1 UN number	UN3264
14.2 Proper Shipping Name	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
14.3 Transport hazard class(es)	8
14.4 Packing Group	III

Section 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Petroleum Distillates, Hydrotreated light 64742-47-8	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 .

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**International Inventories**

Component	TSCA	DSL/NDL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Phosphoric Acid 7664-38-2 (20-30)	X	X	X	X	X	X	X	X
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- 34398-01-1 (10-20)	X	X	X	X	-	X	X	X
Alkylpolyglycoside C8-10 68515-73-1 (<1)	X	X	X	X	X	X	X	X
Alkylpolyglycoside C10-16 110615-47-9 (<1)	X	X	-	X	X	X	X	X
Petroleum Distillates, Hydrotreated light 64742-47-8 (<1)	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/NDL - 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**

H304 - May be fatal if swallowed and enters airways

H314 - Causes severe skin burns and eye damage

Legend

SVHC: Substances of Very High Concern for Authorisation:

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Legend			
TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification Procedure

Calculation method

Issue Date: 02-Jan-2019**Revision Date:** 19-May-2020**Revision Note:** New format.

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