



Safety Data Sheet

Issue Date: 31-Jul-2024

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Version 1

1. IDENTIFICATION

Product identifier

Product Name Eco Pods Restroom Cleaner

Other means of identification

SDS # BE-6318

Recommended use of the chemical and restrictions on use

Recommended Use Restroom cleaner.

Details of the supplier of the safety data sheet

Supplier Address

Buckeye International, Inc.
2700 Wagner Place
Maryland Heights, MO 63043 USA
Phone: 1-314-291-1900

Emergency telephone number

Company Phone Number 1-314-291-1900
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Orange liquid

Physical state Liquid

Odor According to product specification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

Signal Word

Danger

Hazard statements

Causes skin irritation
Causes serious eye damage
May cause an allergic skin reaction



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves/eye protection/face protection

Precautionary Statements - Response

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
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash it before reuse
If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Alkyloxypolyethyleneoxyethanol	84133-50-6	45-70
Diethylene Glycol Monobutyl Ether	112-34-5	5-10
Alkylbenzenesulfonic Acid	68584-22-5	1-5
Dipentene Terpene Hydrocarbon Byproducts	68956-56-9	0.5-1.5
Terpineol	98-55-5	0.1-1
Citronella	8000-29-1	0.1-1
Hydrogen Peroxide	7722-84-1	0.1-1
Sulfuric Acid	7664-93-9	0.1-1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures**

General Advice	Provide this SDS to medical personnel for treatment.
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	Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	May be harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.**Specific Hazards Arising from the Chemical**

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment as required.

Environmental precautions**Environmental precautions**

See Section 12 for additional Ecological Information.

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.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene Glycol Monobutyl Ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor	-	-

Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³
Sulfuric Acid 7664-93-9	TWA: 0.2 mg/m ³ thoracic particulate matter	TWA: 1 mg/m ³ (vacated) TWA: 1 mg/m ³	IDLH: 15 mg/m ³ TWA: 1 mg/m ³

Appropriate engineering controls**Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Wear eye/face protection. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection

Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	According to product specification
Appearance	Orange liquid	Odor Threshold	Not determined
Color	Orange		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	6.1 ± 0.5 (Conc.) 6.5 ± 0.5 (Dilute)		
Melting point / freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	No data available		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper flammability or explosive limits	No data available		
Lower flammability or explosive limits	No data available		
Vapor Pressure	Not determined		
Vapor Density	No data available		
Relative Density	1.020 ± 0.01		
Water Solubility	Not determined		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	No data available		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Alkyloxypolyethyleneoxyethanol 84133-50-6	= 2100 mg/kg (Rat)	-	-
Diethylene Glycol Monobutyl Ether 112-34-5	= 5660 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	-
Alkylbenzenesulfonic Acid 68584-22-5	= 775 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	-
Polyethylene glycol 25322-68-3	= 22 g/kg (Rat)	> 20 g/kg (Rabbit)	-
Dipentene Terpene Hydrocarbon Byproducts 68956-56-9	-	> 2000 mg/kg (Rat)	-
Citronella 8000-29-1	= 7200 mg/kg (Rat)	-	-
Terpineol 98-55-5	= 5170 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Dodecanamide, N, N-dimethyl- 112-18-5	= 1220 mg/kg (Rat)	= 5000 mg/kg (Rabbit)	-
Hydrogen Peroxide 7722-84-1	= 1518 mg/kg (Rat)	= 9200 mg/kg (Rabbit)	= 2000 mg/m ³ (Rat) 4 h
Sulfuric Acid 7664-93-9	= 2140 mg/kg (Rat)	-	= 0.375 mg/L (Rat) 4 h
Pine oil 8002-09-3	= 3200 mg/kg (Rat)	= 400 mg/kg (Rabbit)	> 3.79 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye damage.

Sensitization May cause an allergic skin reaction.

Carcinogenicity IARC has classified "strong inorganic acid mist containing sulfuric acid" as a Category 1 carcinogen, substance that is carcinogenic to humans. This classification does not apply to liquid forms of sulfuric acid. Inorganic mist is not generated under normal use of this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide 7722-84-1	A3	Group 3		
Sulfuric Acid 7664-93-9	A2	Group 1	Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

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

Oral LD50 2,634.00 mg/kg

Dermal LD50 4,979.30 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Alkyloxypolyethyleneoxyethanol 84133-50-6		LC50: =3.2mg/L (96h, Pimephales promelas)	EC50: =3.2mg/L (48h, water flea)
Diethylene Glycol Monobutyl Ether 112-34-5	EC50: >100mg/L (96h, Desmodemus subspicatus)	LC50: =1300mg/L (96h, Lepomis macrochirus)	EC50: >100mg/L (48h, Daphnia magna)
Alkylbenzenesulfonic Acid 68584-22-5		LC50: =3mg/L (96h, Oncorhynchus mykiss)	EC50: =2.9mg/L (48h, Daphnia magna)
Lauramine oxide 1643-20-5		LC50: =134mg/L (96h, Danio rerio)	
Hydrogen Peroxide 7722-84-1		LC50: =16.4mg/L (96h, Pimephales promelas) LC50: 18 - 56mg/L (96h, Lepomis)	EC50: 18 - 32mg/L (48h, Daphnia magna)

		macrochirus) LC50: 10.0 - 32.0mg/L (96h, Oncorhynchus mykiss)	
Dodecanamide, N, N-dimethyl- 112-18-5		LC50: 0.71 - 1mg/L (96h, Brachydanio rerio)	
Sulfuric Acid 7664-93-9		LC50: >500mg/L (96h, Brachydanio rerio)	
Pine oil 8002-09-3			EC50: 17 - 28mg/L (48h, Daphnia magna)

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Diethylene Glycol Monobutyl Ether 112-34-5	1
Alkylbenzenesulfonic Acid 68584-22-5	2

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Hydrogen Peroxide 7722-84-1	Toxic Corrosive Ignitable Reactive
Sulfuric Acid 7664-93-9	Toxic Corrosive

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Alkylpolyoxyethyleneoxyethanol	X	ACTIVE	X		X	X	X	X	X
Diethylene Glycol Monobutyl Ether	X	ACTIVE	X	X	X	X	X	X	X
Alkylbenzenesulfonic Acid	X	ACTIVE	X	X	X	X	X	X	X
Polyethylene glycol	X	ACTIVE	X	X	X	X	X	X	X
Lauramine oxide	X	ACTIVE	X	X	X	X	X	X	X
Dipentene Terpene Hydrocarbon Byproducts	X	ACTIVE	X	X		X	X	X	X
Citronella	X	ACTIVE	X			X	X	X	X
Terpineol	X	ACTIVE	X	X	X	X	X	X	X
Hydrogen Peroxide	X	ACTIVE	X	X	X	X	X	X	X
Dodecanamide, N, N-dimethyl-	X	ACTIVE	X	X	X	X	X	X	X
Alkyl Benzene-In (C10-13)	X	ACTIVE	X			X	X		
Sulfuric Acid	X	ACTIVE	X	X	X	X	X	X	X
Pine oil	X	ACTIVE	X			X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Peroxide 7722-84-1		1000 lb	
Sulfuric Acid 7664-93-9	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethylene Glycol Monobutyl Ether - 112-34-5	112-34-5	5-10	1.0
Sulfuric Acid - 7664-93-9	7664-93-9	0.1-1	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sulfuric Acid	1000 lb			X

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Sulfuric Acid - 7664-93-9	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Diethylene Glycol Monobutyl Ether 112-34-5	X		X
Hydrogen Peroxide 7722-84-1	X	X	X
Sulfuric Acid 7664-93-9	X	X	X
Pine oil 8002-09-3	X		

16. OTHER INFORMATION**NFPA****Health hazards****Flammability****Instability****Special hazards**

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HMIS**Health hazards****Flammability****Physical hazards****Personal Protection**

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Not determined

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Revision Note: New format

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