

Safety Data Sheet

Issue Date: 27-Dec-2011 Revision Date: 22-Dec-2017 Version 2

1. IDENTIFICATION

Product Identifier

Product Name Buckeye Betagone

Other means of identification

SDS # BE-5380

Product Code 5380

Recommended use of the chemical and restrictions on use

Recommended Use Rug and Carpet Spot Cleaner, Water Based.

Details of the supplier of the safety data sheet

Supplier Address

Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA

Emergency Telephone Number

Company Phone Number 1-314-291-1900

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

2. HAZARDS IDENTIFICATION

AppearanceClear liquidPhysical StateLiquidOdorMild fragrance

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Dodecyl benzene sulfonic acid	27176-87-0	<3
Benzyl alcohol	100-51-6	<3

^{**}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.**

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4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Consult a physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes.

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.

Most important symptoms and effects

Symptoms Eye contact may cause redness or burning sensation.

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.

Hazardous Combustion Products Carbon oxides. Sulfur oxides.

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 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 Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow

floor to dry before allowing traffic. Dispose of in accordance with federal, state and local

regulations.

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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin and eyes. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

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

Incompatible Materials Do not mix with chlorinated detergents (bleach).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

Eye/Face Protection Refer to 29 CFR 1910.133 for eye and face protection regulations. Wear safety glasses or

goggles to protect against exposure.

Refer to 29 CFR 1910.138 for appropriate skin and body protection. Wear rubber gloves or **Skin and Body Protection**

other impervious gloves. Impervious footwear.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements. No protective equipment

is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash face, hands

and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Tag Closed Cup

(Water = 1)

Information on basic physical and chemical properties

Physical State Liquid **Appearance** Clear liquid Odor Mild fragrance **Odor Threshold** Not determined Color Clear

Property **Values** Remarks • Method

9.1 +/- 0.2 (Conc. & RTU Solution) Hq

Melting Point/Freezing Point Not determined **Boiling Point/Boiling Range** 100 °C / 212 °F

Flash Point None

Evaporation Rate Flammability (Solid, Gas) Liquid- Not Applicable

1.0

Upper Flammability Limits Not determined **Lower Flammability Limit** Not determined **Vapor Pressure** Not determined **Vapor Density** Not determined

Specific Gravity 1.05 **Water Solubility** Infinite

Solubility in other solvents Not determined

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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 **Oxidizing Properties** Not determined

Additional Information % Volatile by weight 89

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.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Do not mix with chlorinated detergents (bleach).

Hazardous Decomposition Products

Carbon oxides. Sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium xylenesulfonate 1300-72-7	= 1000 mg/kg (Rat)	-	-
Dipropylene glycol monobutyl ether 29911-28-2	= 1620 μL/kg (Rat)	= 5860 μL/kg (Rabbit)	= 42.1 ppm (Rat) 4 h
Sodium Thiosulfate 7772-98-7	> 5000 mg/kg (Rat)	-	-
Benzyl alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2 g/kg(Rabbit)	= 8.8 mg/L (Rat) 4 h
Dodecyl benzene sulfonic acid 27176-87-0	= 1260 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

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

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or

potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	. Toxicity to	Crustacea
			microorganisms	
Dipropylene glycol		841: 96 h Poecilia reticulata		
monobutyl ether		mg/L LC50 static		
29911-28-2		_		
Sodium Thiosulfate		24000: 96 h Gambusia		
7772-98-7		affinis mg/L LC50 static		
Benzyl alcohol	35: 3 h Anabaena variabilis	460: 96 h Pimephales	EC50 = 50 mg/L 5 min	23: 48 h water flea mg/L
100-51-6	mg/L EC50	promelas mg/L LC50 static	EC50 = 63.7 mg/L 15 min	EC50
	_	10: 96 h Lepomis	EC50 = 63.7 mg/L 5 min	
		macrochirus mg/L LC50	EC50 = 71.4 mg/L 30 min	
		static	_	
Dodecyl benzene sulfonic	29: 96 h Pseudokirchneriella	10.8: 96 h Oncorhynchus		5.88: 48 h Daphnia magna
acid	subcapitata mg/L EC50	mykiss mg/L LC50 static 3.5		mg/L EC50
27176-87-0		- 10: 96 h Brachydanio rerio		_
		mg/L LC50 static		

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient	
Benzyl alcohol	1.1	
100-51-6		

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.

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14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

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exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Dodecyl benzene sulfonic acid	Present	Х		Present		Present	Х	Present	Х	Х
Benzyl alcohol	Present	Χ		Present		Present	X	Present	Х	Х

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)
Dodecyl benzene sulfonic acid	1000 lb		RQ 1000 lb final RQ
27176-87-0			RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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
Dodecyl benzene sulfonic acid	1000 lb			X

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

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U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Benzyl alcohol		X	X
100-51-6			
Dodecyl benzene sulfonic acid	X	X	X
27176-87-0			

16. OTHER INFORMATION

NFPAHealth HazardsFlammabilityInstabilitySpecial Hazards100Not determinedHMISHealth HazardsFlammabilityPhysical HazardsPersonal ProtectionNot determinedNot determinedNot determinedNot determined

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Revision Note: Telephone number update

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