

# **Safety Data Sheet**

Issue Date: 27-Dec-2011 Revision Date: 03-Feb-2015 Version 1

# 1. IDENTIFICATION

Product Identifier

**Product Name** Buckeye Gone H<sub>2</sub>O<sub>2</sub>

Other means of identification

**SDS #** BE-5376

Product Code 5376

Recommended use of the chemical and restrictions on use

Recommended Use 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 1-651-632-8956 (International)

1-800-303-0441 (North America)

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

# 2. HAZARDS IDENTIFICATION

Appearance Clear liquid Physical State Liquid Odor Floral

# Classification

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

# Signal Word Warning

# **Hazard Statements**

Causes skin irritation
Causes serious eye irritation



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#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/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

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

#### Other Hazards

Harmful to aquatic life with long lasting effects

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium xylenesulfonate	1300-72-7	<9
Hydrogen Peroxide	7722-84-1	<5

<sup>\*\*</sup>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

#### **First Aid Measures**

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin Contact**Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. If

irritation persists, seek medical attention.

**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** Causes skin irritation. Causes serious eye irritation.

#### Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically. Dermatitis or other pre-existing skin conditions may be aggravated

by overexposure to this product.

#### 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

Combustion products may be toxic.

Hazardous Combustion Products Carbon oxides. Oxides of sulfur.

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#### 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 protection recommended in Section 8.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

#### 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.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Keep containers closed when not in

use.

#### 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.

Incompatible Materials Chlorine bleach.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m³
Phosphoric Acid 7664-38-2	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m³ (vacated) TWA: 1 mg/m³ (vacated) STEL: 3 mg/m³	IDLH: 1000 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>

# Appropriate engineering controls

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

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#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection**Risk of contact: Wear approved safety goggles. **Skin and Body Protection**Wear rubber gloves or other impervious gloves.

Respiratory Protection No protection is ordinarily required under normal conditions of use and with adequate

ventilation.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Tag Closed Cup

(Water = 1)

#### Information on basic physical and chemical properties

Physical State Liquid Appearance Clear liquid

AppearanceClear liquidOdorFloralColorClearOdor ThresholdNot determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

**pH** 4.6 - 5.0 (conc. and RTU)

Melting Point/Freezing Point

Not determined

Boiling Point/Boiling Range

100 °C / 212 °F

Flash Point None
Evaporation Rate 1.0

Flammability (Solid, Gas) Liquid-Not applicable

Upper Flammability Limits

Lower Flammability Limit

Vapor Pressure

Vapor Density

Not applicable

Not determined

Not determined

Specific Gravity 1.05 Water Solubility Infinite

Solubility in other solvents 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 **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.

**Hazardous Polymerization** Hazardous polymerization does not occur.

#### **Conditions to Avoid**

Keep separated from incompatible substances. Keep out of reach of children.

#### **Incompatible Materials**

Chlorine bleach.

#### **Hazardous Decomposition Products**

Carbon oxides. Sulfur oxides.

# 11. TOXICOLOGICAL INFORMATION

# Information on likely routes of exposure

**Product Information** 

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Causes skin irritation.

**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	= 7200 mg/kg (Rat)	-	-
Dipropylene glycol monobutyl ether 29911-28-2	= 1620 μL/kg (Rat)	= 5860 μL/kg (Rabbit)	> 2.04 mg/L (Rat) 4 h = 42.1 ppm (Rat) 4 h
Hydrogen Peroxide 7722-84-1	= 801 mg/kg ( Rat )	= 4060 mg/kg (Rat) = 2000 mg/kg (Rabbit)	= 2 mg/L (Rat) 4 h
Benzyl alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2000 mg/kg ( Rabbit )	= 8.8 mg/L (Rat) 4 h
Phosphoric Acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg ( Rabbit )	> 850 mg/m³ (Rat) 1 h
Alcohol Ethoxylate 68439-46-3	= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

#### 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 Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide 7722-84-1	A3	Group 3		

#### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

#### **Numerical measures of toxicity**

Not determined

# 12. ECOLOGICAL INFORMATION

# **Ecotoxicity**

Harmful to aquatic life with long lasting effects.

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Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dipropylene glycol monobutyl ether 29911-28-2		841: 96 h Poecilia reticulata mg/L LC50 static		
Hydrogen Peroxide 7722-84-1	2.5: 72 h Chlorella vulgaris mg/L EC50	16.4: 96 h Pimephales promelas mg/L LC50 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static		7.7: 24 h Daphnia magna mg/L EC50 18 - 32: 48 h Daphnia magna mg/L EC50 Static
Benzyl alcohol 100-51-6	35: 3 h Anabaena variabilis mg/L EC50	460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	23: 48 h water flea mg/L EC50

# Persistence/Degradability

Not determined.

#### **Bioaccumulation**

Not determined.

**Mobility** 

<u>MODILLY</u>						
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.

# California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Hydrogen Peroxide	Toxic
7722-84-1	Corrosive
	Ignitable
	Reactive
Phosphoric Acid	Corrosive
7664-38-2	

# 14. TRANSPORT INFORMATION

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

exemptions and special circumstances.

**DOT** Not regulated

<u>IATA</u> Not regulated

**IMDG** Not regulated

# 15. REGULATORY INFORMATION

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#### International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium xylenesulfonate	Present	Χ		Present		Present	Х	Present	Χ	Χ
Hydrogen Peroxide	Present	Х		Present		Present	Х	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**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Peroxide 7722-84-1		1000 lb	
Phosphoric Acid 7664-38-2	5000 lb		RQ 5000 lb final RQ RQ 2270 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)**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric Acid	5000 lb			Х

#### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrogen Peroxide 7722-84-1	X	X	Х
Benzyl alcohol 100-51-6		X	Х
Phosphoric Acid 7664-38-2	X	X	Х

# **16. OTHER INFORMATION**

NFPA **Health Hazards Flammability** Instability **Special Hazards** Not determined

**HMIS Health Hazards Flammability Physical Hazards Personal Protection** Not determined

Not determined Not determined Not determined

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# 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**