

# Safety Data Sheet

Material Name: OxyGen 2 0801

## \*\*\* Section 1 - Identification of the Substance/Preparation and the Company/Undertaking \*\*\*

### Manufacturer Information

Bissell Inc.  
P.O. Box 1888  
Grand Rapids, MI 49501

Phone: 616-453-4451

Emergency # PROSAR 1-866-303-6951

## \*\*\* Section 2 - Composition / Information on Ingredients \*\*\*

EC #	Component	Percent	Symbols	Risks
231-791-2	Water 7732-18-5	95		
231-765-0	Hydrogen peroxide 7722-84-1	5	C Xn	R:5-8-35-20/22

## \*\*\* Section 3 - Hazards Identification \*\*\*

### Human and Environmental Hazards

Causes eye, skin, respiratory, and gastrointestinal irritation.

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation develops or persists.

### First Aid: Skin

Wash skin with water. Remove contaminated clothing.

### First Aid: Ingestion

If swallowed, call a physician or poison control center immediately. Do not induce vomiting or give anything to drink unless instructed to do so by a physician. Never give anything by mouth to an unconscious person.

### First Aid: Inhalation

Remove affected person to fresh air. Get medical attention if person has difficulty breathing or if irritation develops or persists.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

None

### Hazardous Combustion Products

None

### Extinguishing Media

Use water, dry chemicals or foam.

### Fire Fighting Equipment/Instructions

Fire fighters should wear self-contained breathing apparatus and protective clothing.

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

For small spills: Absorb and wipe up or rinse away with water.

Large spills: Contain spilled liquid with sand or earth. Place in a disposal container for disposal. After removal, flush area thoroughly with water.

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

Wear appropriate personal protective equipment.

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## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Use only as directed. Avoid contact with eyes and skin. Use with adequate ventilation. Wash hands before eating.

### Storage Procedures

Store OUT OF REACH OF CHILDREN. Keep container tightly closed when not in use and in a cool place.

### Specific Use

Floor cleaning product.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### Substance Exposure Limits

#### Hydrogen peroxide (231-765-0)

ACGIH:	1 ppm TWA
Austria:	2 ppm STEL (8 X 5 min); 2.8 mg/m3 STEL (8 X 5 min) 1 ppm MAK; 1.4 mg/m3 MAK
Belgium:	1 ppm TWA; 1.4 mg/m3 TWA
Denmark:	1 ppm TWA; 1.4 mg/m3 TWA
Finland:	3 ppm STEL; 4.2 mg/m3 STEL 1 ppm TWA; 1.4 mg/m3 TWA
France:	1 ppm VME; 1.5 mg/m3 VME
Germany:	0.5 ppm MAK; 0.71 mg/m3 MAK 0.5 ppm Peak; 0.71 mg/m3 Peak
Greece:	3 mg/m3 STEL
Ireland:	1 ppm TWA; 1.4 mg/m3 TWA
Ireland:	2 ppm STEL; 3 mg/m3 STEL 1 ppm TWA; 1.5 mg/m3 TWA
Portugal:	1 ppm TWA
Spain:	1 ppm VLA-ED; 1.4 mg/m3 VLA-ED
Sweden:	1 ppm LLV; 1.4 mg/m3 LLV 2 ppm CLV; 3 mg/m3 CLV

### Engineering Controls

None necessary.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Not required if under normal conditions of use.

#### Personal Protective Equipment: Skin

Use gloves for prolonged contact.

#### Personal Protective Equipment: Respiratory

Not required if under normal conditions of use.

#### Personal Protective Equipment: General

Not required if under normal conditions of use.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Clear	<b>Odor:</b>	Soapy
<b>Physical State:</b>	Liquid	<b>pH:</b>	2.5 +/- 0.3
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	NA
<b>Boiling Point:</b>	212°F	<b>Melting Point:</b>	NA
<b>Solubility (H2O):</b>	Complete	<b>Specific Gravity:</b>	1.003+/- 0.005
<b>Evaporation Rate:</b>	ND	<b>VOC:</b>	ND
<b>Percent Volatile:</b>	0	<b>Octanol/H2O Coeff.:</b>	ND
<b>Flash Point:</b>	None at/or below 212°F	<b>Flash Point Method:</b>	ND
<b>Upper Flammability Limit (UFL):</b>	ND	<b>Lower Flammability Limit (LFL):</b>	ND
<b>Burning Rate:</b>	ND	<b>Auto Ignition:</b>	ND

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## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Temperatures above 115°F

### Incompatibility

Contact with alkaline material, brass, iron and copper.

### Hazardous Decomposition

None known

### Hazardous Polymerisation

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Potential Health Effects

#### A: General Product Information

Eye: Eye irritant. Avoid contact with eyes.

Skin: Contact with skin may cause mild irritation.

Inhalation: No adverse effects are anticipated

Ingestion: Single dose oral toxicity is considered to be low.

#### B: Substance Analysis - LD50/LC50

##### Water (231-791-2)

Oral LD50 Rat: >90 mL/kg

##### Hydrogen peroxide (231-765-0)

Inhalation LC50 Rat: 2 mg/L/4H; Oral LD50 Rat:801 mg/kg; Dermal LD50 Rat:4060 mg/kg; Dermal LD50

Rabbit:2000 mg/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Substance Carcinogenicity

##### Hydrogen peroxide (231-765-0)

IARC: Monograph 71 [1999], Supplement 7 [1987], Monograph 36 [1985] (Group 3 (not classifiable))

Germany: Category 4 (no significant contribution to human cancer)

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

#### A: General Product Information

No information available for the product.

#### B: Substance Analysis - Ecotoxicity - Aquatic Toxicity

##### Hydrogen peroxide (231-765-0)

###### Test & Species

Test & Species	Conditions
48 Hr LC50 Cyprinus carpio	42 mg/L
96 Hr LC50 Pimephales promelas	16.4 mg/L
72 Hr EC50 Chlorella vulgaris	2.5 mg/L 24 Hr EC50 Daphnia magna 7.7 mg/L

### Mobility

Product is expected to rapidly disperse in the aquatic environment.

### Persistence & Degradation

No information available for the product.

### Bioaccumulation

No information available for the product.

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## Other Adverse Effects

No information available for the product.

### \*\*\* Section 13 - Disposal Considerations \*\*\*

## Waste Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

### \*\*\* Section 14 - Transportation Information \*\*\*

## IATA Information

**Shipping Name:** Not Regulated

## ICAO Information

**Shipping Name:** Not Regulated

## IMDG Information

**Shipping Name:** Not Regulated

## RID Information

**Shipping Name:** Not Regulated

### \*\*\* Section 15 - Regulatory Information \*\*\*

## EU MARKING AND LABELLING:

### Symbol(s):

Xi

### Risk Phrases:

R36 Irritating to eyes.

### Safety Phrases:

#### A: General Product Information

S2 Keep out of the reach of children.

#### B: Substance Analysis - Inventory

Component/CAS	EC #	EEC	CAN	TSCA
Water 7732-18-5	231-791-2	EINECS	DSL	Yes
Hydrogen peroxide 7722-84-1	231-765-0	EINECS	DSL	Yes

### \*\*\* Section 16 - Other Information \*\*\*

## Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EU = European Union; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average

## Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or Provincial laws.