

# Material Safety Data Sheet

**BISSELL Oxy Pro (51Y8F)**

## \*\*\* Section 1 - Identification of the Material and Supplier \*\*\*

### Manufacturer Information

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

Phone: 616-453-4451

Emergency # PROSAR 1-866-303-6951

### Classification:

This material is hazardous according to the criteria of Worksafe Australia (NOHSC:1008).

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Hazard Classification

None

### Risk Phrase(s)

None

### Safety Phrase(s)

None

## \*\*\* Section 3 - Composition/Information on Ingredients \*\*\*

EC #	Component	Percent
231-791-2	Water 7732-18-5	≥30%
231-765-0	Hydrogen peroxide 7722-84-1	< 5%
231-783-9	Nitrogen 7727-37-9	< 5%
216-700-6	Lauryldimethylamine oxide 1643-20-5	< 5%
205-788-1	Sodium lauryl sulfate 151-21-3	< 5%
-	Alcohols, C11-15-secondary, ethoxylated 68131-40-8	< 5%
205-281-5	Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt 137-16-6	< 5%
225-208-0	Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine 4719-04-4	< 5%
220-552-8	1-Hydroxyethane-1,1-diphosphonic acid 2809-21-4	< 5%

### Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Sodium N-lauroylsarcosinate (1322-85-6).

### Component Analysis

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

R5

O;R8

C;R35

Xn;R20/22

Annex # 008-003-00-9 Nota: B EINECS: 231-765-0

Annex One 29th Adaptation (L216), Page(s): 8

#### Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine (225-208-0)

# Material Safety Data Sheet

## BISSELL Oxy Pro (51Y8F)

Xn;R22

R43

Annex # 613-114-00-6 Nota: - EINECS: 225-208-0

Annex One 24th Adaptation (L305), Page(s): 125

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

#### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

#### First Aid: Skin

Thoroughly wash skin with water. Remove contaminated clothing. Wash contaminated clothing before reuse.

#### First Aid: Ingestion

If swallowed, do NOT induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

#### First Aid: Inhalation

Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

#### Scheduled Poison First Aid Advice

None.

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

#### General Fire Hazards

Contents flammable. Aerosol cans may burst if exposed to heat in excess of 120°F.

#### Hazardous Combustion Products

Not Determined

#### Extinguishing Media

CO<sub>2</sub>, dry chemical foam.

#### Fire Fighting Equipment/Instructions

Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Firefighters should wear self-contained breathing apparatus and protective clothing.

#### Hazchem Code

None

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

#### Containment Procedures

Contain the discharged material.

#### Clean-Up Procedures

SMALL SPILLS: Absorb and wipe up.

LARGE SPILLS: Ventilate area. Remove all sources of ignition. Contain spilled liquid with sand or earth. Place in a disposal container for disposal.

#### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

#### Special Procedures

Regulations vary. Consult local authorities before disposal.

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

#### Precautions for Safe Handling

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

# Material Safety Data Sheet

**BISSELL Oxy Pro (51Y8F)**

## Conditions for Safe Storage

Store OUT OF REACH OF CHILDREN. Do not store in direct sunlight, near open flames or at temperatures exceeding 120°F.

## Incompatibilities

Strong oxidizing agents.

## Packaging Material

None

## Poison Schedule Notes

None

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

### Exposure Guidelines

#### A: Component Exposure Limits

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

Australia 1 ppm TWA; 1.4 mg/m3 TWA  
ACGIH 1 ppm TWA

##### Nitrogen (231-783-9)

ACGIH Simple Asphyxiant

#### B: Biological Limit Values

Biological Limit Values have not been established for any of the substances in this preparation.

#### Engineering Controls

Good general ventilation should be sufficient to control airborne levels.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Chemical goggles.

#### Personal Protective Equipment: Skin

None required under normal use.

#### Personal Protective Equipment: Respiratory

Under normal conditions, respirator is not normally required.

#### Personal Protective Equipment: General

Not required if under normal conditions of use.

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

Flash Point: ND

Upper Flammable Limit (UFL): ND

Auto Ignition: ND

Rate of Burning: ND

Method Used: ND

Lower Flammable Limit (LFL): ND

Flammability Classification:

## \* \* \* Section 10 - Stability and Reactivity \* \* \*

### Chemical Stability

This is a stable material.

### Conditions to Avoid

Open flames or temperatures above 120°F.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition

Burning can produce carbon monoxide, possibly some toxic materials.

# Material Safety Data Sheet

**BISSELL Oxy Pro (51Y8F)**

## Hazardous Reactions

Will not occur.

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

### Health Effects from Likely Routes of Exposure

#### A: General Product Information

EYE: Eye contact causes irritation.

SKIN: Prolonged contact with skin may cause irritation.

INHALATION: Vapor inhalation can cause respiratory tract irritation, headaches and dizziness.

INGESTION: If swallowed, aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

#### B: Component 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

##### Lauryldimethylamine oxide (216-700-6)

Oral LD50 Mouse: 2700 mg/kg

##### Sodium lauryl sulfate (205-788-1)

Inhalation LC50 Rat: >3900 mg/m<sup>3</sup>/1H; Oral LD50 Rat:1288 mg/kg; Dermal LD50 Rabbit:580 mg/kg

##### Alcohols, C11-15-secondary, ethoxylated (-)

Oral LD50 Rat: 32 mL/kg; Dermal LD50 Rabbit:5660 µL/kg

##### Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine (225-208-0)

Oral LD50 Rat: 763 mg/kg; Dermal LD50 Rat:>2 g/kg

##### 1-Hydroxyethane-1,1-diphosphonic acid (220-552-8)

Oral LD50 Rat: 2400 mg/kg; Dermal LD50 Rabbit:>7940 mg/kg

## Carcinogenicity

#### A: General Product Information

No carcinogenicity data available for this product.

#### B: Substance Carcinogenicity

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

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

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

## Ecotoxicity

#### A: General Product Information

No information available for the product.

# Material Safety Data Sheet

## BISSELL Oxy Pro (51Y8F)

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

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

##### 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

#### Sodium lauryl sulfate (205-788-1)

##### Test & Species

	Conditions
96 Hr LC50 Pimephales promelas	10.2 mg/L
96 Hr LC50 Pimephales promelas	17 mg/L
96 Hr LC50 Pimephales promelas	22.5 mg/L
96 Hr LC50 Oncorhynchus mykiss	4.6 mg/L [static]
96 Hr LC50 Brachydanio rerio	7.97 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	4.06-5.75 mg/L [static]
96 Hr LC50 Pimephales promelas	6.6-8.5 mg/L
96 Hr LC50 Poecilia reticulata	13.5-18.3 mg/L [semi-static]
72 Hr EC50 Scenedesmus subspicatus	53 mg/L
96 Hr EC50 Scenedesmus subspicatus	30-100 mg/L
96 Hr EC50 Selenastrum capricornutum	117 mg/L
48 Hr EC50 Daphnia magna	1.8 mg/L

#### 1-Hydroxyethane-1,1-diphosphonic acid (220-552-8)

##### Test & Species

	Conditions
96 Hr LC50 Lepomis macrochirus	563 mg/L
96 Hr LC50 Oncorhynchus mykiss	360 mg/L [static]
48 Hr EC50 water flea	527 mg/L

### Mobility

No information available for the product.

### Persistence & Degradation

No information available for the product.

### Bioaccumulation

No information available for the product.

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

### Disposal Methods and Containers

Waste must be handled in accordance with all federal, state, provincial, and local regulations.

### Special Precautions for Landfill or Incineration

No information available for the product.

## \*\*\* Section 14 - Transport Information \*\*\*

### IATA Information

Shipping Name: Not Regulated

### IMDG Information

Shipping Name: Not Regulated

# Material Safety Data Sheet

BISSELL Oxy Pro (51Y8F)

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

### Australian Regulatory Status

#### Additional Regulatory Information

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

Poisons O C Xn; R5 R8 R35 R20/22  
Schedule  
(Aust)

##### Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine (225-208-0)

Poisons Xn Xi; R22 R43  
Schedule  
(Aust)

### Component Analysis - Inventory

Component/CAS	EC #	AUST	EEC	TSCA	CAN
Water 7732-18-5	231-791-2	Yes	EINE CS	Yes	DSL
Hydrogen peroxide 7722-84-1	231-765-0	Yes	EINE CS	Yes	DSL
Nitrogen 7727-37-9	231-783-9	Yes	EINE CS	Yes	DSL
Lauryldimethylamine oxide 1643-20-5	216-700-6	Yes	EINE CS	Yes	DSL
Sodium lauryl sulfate 151-21-3	205-788-1	Yes	EINE CS	Yes	DSL
Alcohols, C11-15-secondary, ethoxylated 68131-40-8	-	Yes	No	Yes	DSL
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt 137-16-6	205-281-5	Yes	EINE CS	Yes	DSL
Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine 4719-04-4	225-208-0	Yes	EINE CS	Yes	DSL
1-Hydroxyethane-1,1-diphosphonic acid 2809-21-4	220-552-8	Yes	EINE CS	Yes	DSL

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

### Date of MSDS Preparation or Last Revision

12/9/08

### 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

# Material Safety Data Sheet

**BISSELL Oxy Pro (51Y8F)**

## **Other Information**

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.