

# Material Safety Data Sheet

Multi-Allergen Removal Formula w/Scotchgard 0425 /0445

## \*\*\* 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 not hazardous according to the criteria of Worksafe Australia (NOHSC:1008).

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

### Hazard Classification

Xn

### Risk Phrase(s)

R22 Harmful if swallowed. R41 Risk of serious damage to eyes. R35 Causes severe burns.

### Safety Phrase(s)

S1/2 Keep locked up and out of the reach of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

| EC #      | Component   | Percent |
|-----------|---|---------|
| 231-791-2 | Water<br>7732-18-5                                      | 77.12   |
| 200-573-9 | Tetrasodium EDTA<br>64-02-8                             | 3.68    |
| -         | Sodium Napthalene Sulfonate                             | 2.25    |
| -         | Alcohols, C6-10, ethoxylated propoxylated<br>68987-81-5 | 2.25    |
| 203-905-0 | 2-Butoxyethanol<br>111-76-2                             | 2       |
| 201-069-1 | Citric acid<br>77-92-9                                  | 0.625   |
| -         | Fragrance   | 0.15    |

### Component Analysis

#### 2-Butoxyethanol (203-905-0)

Xn;R20/21/22

Xi;R36/38

Annex # 603-014-00-0 Nota: - EINECS: 203-905-0

Annex One 19th Adaptation (L258A), Page(s): 641

## \*\*\* 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.

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

### Scheduled Poison First Aid Advice

None necessary.

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

### General Fire Hazards

None

### Hazardous Combustion Products

None known

### Extinguishing Media

Water, water fog, CO<sub>2</sub>, dry chemical, foam.

### Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

### Hazchem Code

None

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

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

SMALL SPILLS: Absorb and wipe up or rinse away with water.

LARGE SPILL: 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

Avoid contact with skin and eyes.

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

### Precautions for Safe Handling

Use only as directed. Avoid contact with eyes. Do not breathe vapors. Use with adequate ventilation. Wash hands before eating.

### Conditions for Safe Storage

Store OUT OF REACH OF CHILDREN. Keep container tightly closed when not in use.

### Incompatibilities

None

### Packaging Material

No information available for the product.

### Poison Schedule Notes

No information available for the product.

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

### Exposure Guidelines

#### A: General Product Information

Protect from eye and skin contact.

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### B: Component Exposure Limits

#### 2-Butoxyethanol (203-905-0)

Australia 20 ppm TWA; 96.9 mg/m<sup>3</sup> TWA  
50 ppm STEL; 242 mg/m<sup>3</sup> STEL  
ACGIH 20 ppm TWA

### C: Biological Limit Values

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

### Engineering Controls

Ventilation is not normally required.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

None necessary.

#### Personal Protective Equipment: Skin

None necessary.

#### Personal Protective Equipment: Respiratory

None necessary.

#### Personal Protective Equipment: General

None necessary.

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

Flash Point: None below 100°C (212°F)

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

None

### Incompatible Materials

Cationic materials and strong oxidizing agents

### Hazardous Decomposition

None known

### Hazardous Reactions

Will not occur.

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

### Health Effects from Likely Routes of Exposure

#### A: General Product Information

Eye: Prolonged contact with eyes may cause temporary irritation.

Skin: Prolonged contact with skin may cause temporary irritation.

Inhalation: Inhalation is not expected route of exposure. No hazard in normal use.

Ingestion: Ingestion is not an expected route of exposure. Ingestion of small amount during normal handling operations is not likely to cause injury.

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### B: Component Analysis - LD50/LC50

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

Oral LD50 Rat: >90 mL/kg

#### Tetrasodium EDTA (200-573-9)

Oral LD50 Rat: 10 g/kg

#### 2-Butoxyethanol (203-905-0)

Inhalation LC50 Rat: 2.21 mg/L/4H; Inhalation LC50 Rat:450 ppm/4H; Oral LD50 Rat:470 mg/kg; Dermal LD50 Rat:2270 mg/kg; Dermal LD50 Rabbit:220 mg/kg

#### Citric acid (201-069-1)

Oral LD50 Rat: 3000 mg/kg

## Carcinogenicity

### A: General Product Information

No information available for the product.

### B: Substance Carcinogenicity

#### 2-Butoxyethanol (203-905-0)

IARC: Monograph 88 [2006] (Group 3 (not classifiable))

## Other Toxicological Information

INGESTION: The oral LD50 is greater than 5 g/kg in rats.

INHALATION: The inhalation LC50 is greater than 20 mg/L for one-hour exposure for Laboratory animals.

SKIN: The primary dermal irritation score is 0.21

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

## Ecotoxicity

### A: General Product Information

No information available for the product.

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

#### Tetrasodium EDTA (200-573-9)

| Test & Species                     | Conditions         |
|------------------------------------|--------------------|
| 96 Hr LC50 Lepomis macrochirus     | 41 mg/L [static]   |
| 96 Hr LC50 Pimephales promelas     | 59.8 mg/L [static] |
| 72 Hr EC50 Scenedesmus subspicatus | 1.01 mg/L          |
| 24 Hr EC50 Daphnia magna           | 610 mg/L           |

#### 2-Butoxyethanol (203-905-0)

| Test & Species                 | Conditions         |
|--------------------------------|--------------------|
| 96 Hr LC50 Lepomis macrochirus | 1490 mg/L [static] |
| 24 Hr EC50 water flea          | 1720 mg/L          |
| 24 Hr LC50 Daphnia magna       | 1698-1940 mg/L     |

#### Citric acid (201-069-1)

| Test & Species                 | Conditions         |
|--------------------------------|--------------------|
| 96 Hr LC50 Lepomis macrochirus | 1516 mg/L [static] |
| 96 Hr LC50 Leuciscus idus      | 440 mg/L [static]  |

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15 min EC50 Photobacterium phosphoreum 14 mg/L  
72 Hr EC50 Daphnia magna 120 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

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

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

### Australian Regulatory Status

### Additional Regulatory Information

#### 2-Butoxyethanol (203-905-0)

Poisons Xn Xi; R20/21/22 R36/38  
Schedule  
(Aust)

### Component Analysis - Inventory

| Component/CAS   | EC #      | AUST | EEC        | TSCA | CAN  |
|---|-----------|------|------------|------|------|
| Water<br>7732-18-5                                      | 231-791-2 | Yes  | EINE<br>CS | Yes  | DSL  |
| Tetrasodium EDTA<br>64-02-8                             | 200-573-9 | Yes  | EINE<br>CS | Yes  | DSL  |
| Alcohols, C6-10, ethoxylated propoxylated<br>68987-81-5 | -         | Yes  | No         | Yes  | NDSL |
| 2-Butoxyethanol<br>111-76-2                             | 203-905-0 | Yes  | EINE<br>CS | Yes  | DSL  |
| Citric acid<br>77-92-9                                  | 201-069-1 | Yes  | EINE<br>CS | Yes  | DSL  |

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

### Date of MSDS Preparation or Last Revision

July 25, 2008

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## Multi-Allergen Removal Formula w/Scotchgard

### 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 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.