

Material Safety Data Sheet

Tough Stain PreCleaner 0400 / 0403

*** 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

None

Risk Phrase(s)

None

Safety Phrase(s)

None

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

CAS #	Component	Percent
7732-18-5	Water	94.5
111-76-2	2-Butoxyethanol	<2
497-19-8	Sodium carbonate	<1
68551-13-3	Polyethoxylated polypropoxylated C12-15 alcohols	<0.1

Component Analysis

2-Butoxyethanol (111-76-2)

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

Sodium carbonate (497-19-8)

Xi;R36

Annex # 011-005-00-2 Nota: - EINECS: 207-838-8

Annex One 19th Adaptation (L258A), Page(s): 146

*** 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 irritation develops or persists.

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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, CO2, 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. 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.

B: Component Exposure Limits

2-Butoxyethanol (111-76-2)

Australia 20 ppm TWA; 96.9 mg/m³ TWA
50 ppm STEL; 242 mg/m³ STEL

ACGIH 20 ppm TWA

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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

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 mild to moderate irritation.

Skin: Prolonged contact with skin may cause mild to moderate irritation.

Inhalation: Inhalation is not expected route of exposure. Inhalation of product mist or spray may cause respiratory irritation.

Ingestion: Ingestion is not an expected route of exposure. Ingestion of small amount may cause gastrointestinal irritation, and more serious effects are possible if large quantities of product are swallowed.

B: Component Analysis - LD50/LC50

Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

2-Butoxyethanol (111-76-2)

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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

Sodium carbonate (497-19-8)

Oral LD50 Rat: 4090 mg/kg; Dermal LD50 Mouse:2210 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Substance Carcinogenicity

2-Butoxyethanol (111-76-2)

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

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

2-Butoxyethanol (111-76-2)

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

Sodium carbonate (497-19-8)

Test & Species	Conditions
96 Hr LC50 Lepomis macrochirus	300 mg/L [static]
120 Hr EC50 Nitzschia	242 mg/L
48 Hr EC50 Daphnia magna	265 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

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*** Section 15 - Regulatory Information ***

Australian Regulatory Status

Additional Regulatory Information

2-Butoxyethanol (111-76-2)

Poisons Xn Xi; R20/21/22 R36/38

Schedule

(Aust)

Sodium carbonate (497-19-8)

Poisons Xi; R36

Schedule

(Aust)

Component Analysis - Inventory

Component	CAS #	AUST	EEC	TSCA	CAN
Water	7732-18-5	Yes	EINE CS	Yes	DSL
2-Butoxyethanol	111-76-2	Yes	EINE CS	Yes	DSL
Sodium carbonate	497-19-8	Yes	EINE CS	Yes	DSL
Polyethoxylated polypropoxylated C12-15 alcohols	68551-13-3	Yes	No	Yes	DSL

*** Section 16 - Other Information ***

Date of MSDS Preparation or Last Revision

July 15, 2008

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.