

Safety Data Sheet

Material Name: Bissell Hard Floor Solutions Model 0484

*** 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	97-98		
Not Available	Surfactant nonhaz1	<2		
200-573-9	Tetrasodium EDTA 64-02-8	<1		
-	Alcohols, C9-11, ethoxylated 68439-46-3	<1		
201-069-1	Citric acid 77-92-9	<1		
-	Fragrance	<0.1		
-	Poly(oxy-1,2-ethanediyl), α -(2-ethylhexyl)- ω -hydroxy- 26468-86-0	<0.1		

*** 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, contact a physician or poison control center immediately. 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

Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.

Extinguishing Media

Use water, water fog, CO₂, 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.

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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.

*** 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.

Specific Use

Floor cleaning product.

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

Substance Exposure Limits

The EU, ACGIH, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and United Kingdom have not developed exposure limits for any of the substances in this preparation.

Engineering Controls

None necessary.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Not required if under normal conditions of use.

Personal Protective Equipment: Skin

Not required if under normal conditions of use.

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 ***

Appearance:	Clear to very slight haze	Odor:	Fresh citrus blend scent
Physical State:	Liquid	pH:	6.0-7.0
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	212°F	Melting Point:	NA
Solubility (H2O):	Complete	Specific Gravity:	1.000 ± 0.005
Evaporation Rate:	ND	VOC:	ND
Percent Volatile:	<0.5%	Octanol/H2O Coeff.:	ND
Flash Point:	>200°F	Flash Point Method:	ND
Upper Flammability Limit (UFL):	ND	Lower Flammability Limit (LFL):	ND
Burning Rate:	ND	Auto Ignition:	ND

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

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

None

Incompatibility

Anionic materials and strong oxidizers

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Hazardous Decomposition

Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.

Hazardous Polymerisation

Will not occur.

*** Section 11 - Toxicological Information ***

Potential Health Effects

Substance Analysis - LD50/LC50

Water (231-791-2)

Oral LD50 Rat: >90 mL/kg

Tetrasodium EDTA (200-573-9)

Oral LD50 Rat: 10 g/kg

Alcohols, C9-11, ethoxylated (-)

Oral LD50 Rat: 1378 mg/kg; Dermal LD50 Rabbit: >2 g/kg

Citric acid (201-069-1)

Oral LD50 Rat: 3000 mg/kg

Carcinogenicity

Substance Carcinogenicity

None of the substances in this preparation are listed by IARC, Austria, Belgium, Denmark, France, Germany, Ireland, Luxembourg, Netherlands, Spain, or United Kingdom.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available for the product.

B: Substance 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

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

Mobility

Product is expected to rapidly disperse in the aquatic environment.

Persistence & Degradation

Bissell Hard Floor Solutions was found to be biodegradable by 71% (Based on CO2 formation in the percent of the TOC) under the test conditions of the 28 day exposure period. (Modified Sturm Test-OECD 301B).

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Bioaccumulation

No information available for the product.

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):

Not Classified

Risk Phrases:

Not Classified

Safety Phrases:

Keep out of the reach of children.

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Substance Analysis - Inventory

Component/CAS	EC #	EEC	CAN	TSCA
Water 7732-18-5	231-791-2	EINECS	DSL	Yes
Tetrasodium EDTA 64-02-8	200-573-9	EINECS	DSL	Yes
Alcohols, C9-11, ethoxylated 68439-46-3	-	No	DSL	Yes
Citric acid 77-92-9	201-069-1	EINECS	DSL	Yes
Poly(oxy-1,2-ethanediyl), α -(2-ethylhexyl)- ω -hydroxy- 26468-86-0	-	No	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.