



Safety Data Sheet

2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Freshstart

Print Date:

3/23/2026

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Freshstart (3556, 3557, 1630644, 1630647, 1630650)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Crosswave device clean out cycle formula

1.3. Details of the supplier of the substance or mixture

BISSELL Homecare, Inc.

PO Box 1888, Grand Rapids, MI 49501

(616) 453- 4451, www.BISSELL.com, www.SDS@BISSELL.com

1.4. Emergency telephone number

Prosar (Medical) 1 866-303-6951

Chemtrec (US) 1 800-424-9300 acct 2808

Chemtrec (Int'l) 1 703-527-3887

SECTION 2: Hazard identification

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

2.1. Classification of the mixture and 2.2. Label elements

Regulation	Classification	Pictogram	Signal word	Hazard, Precaution Statements
HCS 2012, UN GHS	None	None	None	Not applicable

2.3. Other hazards, None known

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient	Percent	Classification	EC Number/ CAS Number
Water	≥ 99	Not classified as hazardous	231-791-2/ 7732-18-5
Alkyl (C12, C14) dimethyl ethylbenzyl ammonium chloride	< 1	Acute Tox. 4, H302; Skin Corr. 1; Eye Dam. 1, H314; Aqua Acute 1, 400; Aqua Chronic 1, 410	287-090-7/ 85409-23-0
Alkyl dimethyl benzyl ammonium chloride	< 1	Acute Tox. 4, H302; Skin Corr. 1; Eye Dam. 1, H314; Aqua Acute 1, H400; Aqua Chronic 1, 410	269-919-4 / 68391-01-5
Fragrance, if applicable	≤ 0.1	Skin Irrit, H315; Eye Irritant 1; H318	Blend

For full text of the H-statements and other abbreviations see section 16 "Other information".



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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: remove person to fresh air. If you are concerned, get medical advice.

Skin contact: wash with soap and water. If you are concerned, get medical advice.

Eye contact: flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed: rinse mouth, drink 1-2 glasses of water, do not induce vomiting. If you are concerned, get medical advice.

Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required, Not applicable

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product. During fire, gases hazardous to health may be formed.

5.3. Advice for fire-fighters

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures, Avoid contact with skin and eyes.

6.2. Environmental precautions, Do not empty into drains / surface water / ground water

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (sand, peat, sawdust). Wash away residue with plenty of water. Dispose of contaminated material as waste according to Chapter 13.

6.4. Reference to other sections, Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling, Avoid skin and eye contact. See advice in chapter 8

7.2. Conditions for safe storage including any incompatibilities

Keep out of the reach of children. Store in closed original container in a well-ventilated place

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters, Occupational exposure limits. If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

none

Biological limit values: No biological limit values exist for any of the components listed in Section 3 of this safety data sheet

8.2. Exposure controls

8.2.1. Engineering controls, Not required under conditions of use.

8.2.2. Personal protective equipment (PPE)

Eye/face protection, Not normally required under normal use conditions.

Skin/hand protection, Not normally required under normal use conditions.

Respiratory protection, Not normally required under normal use conditions.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear, water white liquid
Physical state	Liquid
Odor	Pleasant
Odor Threshold	> 50 mg/ m3
pH	6.5- 8.0
Flash Point	Not flammable
Melting Point/Range	Not applicable
Freezing point	0°C, 32°F
Boiling Point/Range	100 °C, 212°F
Autoignition Temperature	None
Flammability Limits in Air	Not flammable

Explosive properties	Not explosive
Oxidizing properties	Not oxidizing according to Regulation (CE) No 1272/2008
Vapor pressure	< 17.5 mmHg @ 20°C
Vapor density	No information available
Density	1.0 g/mL @ 20 °C
Partition coefficient	< 1 K _{ow}
Water solubility	Completely Soluble@20 °C
Viscosity	< 20 cP @ 20C
Evaporation rate	>1 (BuAc = 1)
Decomposition	None

9.2. Other information

Volatile organic compounds (VOC) 0 g/l

SECTION 10: Stability and reactivity

10.1 Reactivity Stable under normal conditions

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions No dangerous reaction known under conditions of normal use

10.4 Conditions to avoid Heat

10.5 Incompatible materials Strong oxidizing agents, anionic surfactants

10.6 Hazardous decomposition products None known. Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

11.1 Information on Toxicological effects

CMR effects: Not expected to be carcinogenic. Not considered a mutagenic hazard. No toxicity to reproduction

Acute oral toxicity: LD50: > 5000 mg / kg Species: rat

Acute inhalation toxicity: LC50: > 20 mg / l

Acute dermal toxicity: LD50: > 5000 mg / kg

Skin: Result: Not an irritant.

Eye irritation: Result: Not an irritant.

Sensitization: Not expected to be a sensitizer

Toxicity Repeated dose: Not expected to be a hazard.

Target organ toxicity - repeated exposure: Not expected to be a hazard.

The toxicity information listed above is based on the results of acute toxicological studies, per FHSA protocols, on a very similar predecessor formula. The differences between this formula and the predecessor formula would not be expected to significantly alter the toxicological attributes of the formulation covered in this document.



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SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish: LC50: >34.4 ppm, 96 hours
Toxicity to daphnia and other invertebrates that live in water:
LC50: >1 to 10 mg / l, exposure time: 48 h
Toxicity to algae: EC50: >1.2 mg / l, exposure time: 96 h

12.2. Persistence and degradability

Biodegradability: Result: According to the results of tests of biodegradability this product is considered as being readily biodegradable. > 60%, Method: OECD Guide- line 301 D - Ready Biodegradability: Closed Bottle Test

12.3. Bioaccumulative potential

Bioaccumulation: No accumulation expected

12.4. Mobility in soil

If the product enters soil, one or more constituents will or may be mobile and may contaminate groundwater

12.5. Results of the PBT and vPvB assessment

Results of PBT assessment: This substance does not meet the Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation. Discharge used solutions to drain

Empty packaging

Recommendation: Non contaminated packagings may be recycled.

Recommended cleansing agents: Water

SECTION 14: Transportation information

Canada: TDG: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

US: DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

SECTION 15: Regulatory information

U.S. EPA SARA Reporting Requirements: This product does not contain any substances subject to the reporting requirements of SARA Title III Section 302 and Section 313.

U.S. EPA SARA 311/ 312 Hazards: None

U.S. EPA TSCA Inventory Status: All chemical substances of this product are listed on the TSCA inventory or are otherwise exempt from inventory status.

U.S. EPA CERCLA Reportable Quantity (RQ): None

Other U.S. Federal Requirements: This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA.

California Prop 65: None of the chemicals in this product are listed.

State Criteria Lists: None of the chemicals in this product are listed.

DSL / NDSL: All of the components are listed.

Priority Substances List: None of the components are listed.



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SECTION 16: Other information

The labeling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H302 Harmful if swallowed.

H317 Causes skin sensitization

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

H315 Causes skin irritation

H410 Very toxic to aquatic life with long lasting effects

Classification according to United Nations Globally Harmonized System (UN GHS). The classification of the mixture is generally based on the calculation method using substance data according to UN GHS

Sources of key data used to compile the Safety Data Sheet: IARC Monographs. Possible key literature references and data sources which may have been used in conjunction with the consideration of expert judgment to compile this Safety Data Sheet: European regulations/ directives (including (EC) No. 1907/2006, (EC) No. 1272/2008), supplier data, internet, ESIS, IUCLID, ERICards, official regulatory data and other data sources

Abbreviations

SARA Superfund Amendments and Reauthorization Act

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

US.TSCA United States TSCA Inventory

DSL Canadian Domestic Substances List (DSL)

DOT Department of Transportation

TDG Transportation of Dangerous Goods

IATA International Air Transport Association

IMDG International Maritime Code for Dangerous Goods

OSHA Occupational Health Safety Association

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, and local laws.

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This SDS has been updated in the following section: Model name