



Safety Data Sheet

according to OSHA HCS 2012, CLP (EC) No 1272/2008, and UN GHS

Crosswave Freshstart

Print Date:

8/29/2022

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

1.1. Product identifier

Crosswave Freshstart (3556, 3557, 1630644, 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. Grand Rapids, MI 49544 USA Tel: +1(616) 453- 4451	In Australia & New Zealand, distributed by: BISSELL Australia PTY Ltd Scoresby 3179, Victoria, Australia Australia Tel: 1300 247 735 New Zealand: 0800 247 735	In Europe and the United Kingdom, distributed by: BISSELL International Trading Company BV Postbus 12874, 1100 AW Amsterdam Zuidoost, The Netherlands EU Tel: 31-20-305-1340 UK Tel: 0344-888-6644	In the Middle East & Africa, distributed by: BISSELL Middle East FZE Dubai, United Arab Emirates Tel: 971-4-881-8597
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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

2.1. Classification of the mixture and 2.2. Label elements

Regulation	Classification	Pictogram	Signal word	Hazard, Precaution Statements
CLP (EC) No 1272/2008, HCS 2012, UN GHS	Toxic to aquatic life (Cat 2), H401 Toxic to aquatic life with long lasting effects (Cat 2), H411	None	None	H401 Toxic to aquatic life H411 Harmful to aquatic life with long lasting effects. P273 Avoid release to the environment P391 Collect Spillage P501 Dispose of contents/container in accordance with hazardous waste regulations

2.3. Other hazards, None known

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient	Percent	Classification	CAS Number
Water	≥ 99	Not classified as hazardous	7722-84-1
Alkyl (C12, C14) dimethyl ethylbenzyl ammonium chloride	< 0.1	Acute Tox. 4, H302; Skin Corr. 1; Eye Dam. 1, H314; Aqua Acute 1, 400; Aqua Chronic 1, 410	85409-23-0
Alkyl dimethyl benzyl ammonium chloride	< 0.1	Acute Tox. 4, H302; Skin Corr. 1; Eye Dam. 1, H314; Aqua Acute 1, H400; Aqua Chronic 1, 410	68391-01-5
Fragrance	≤ 0.1	Skin Irrit, H315; Skin Sens. 1, H317; Aqua Chronic 2, H411	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.



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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.

Ingredient	CAS Number	Agency Limit type	Additional comments
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

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray.

8.2.2. Personal protective equipment (PPE)

Eye/face protection, , Safety glasses are recommended and splash goggles when applicable

Skin/hand protection, None required

Respiratory protection, None required

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.



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SECTION 11: Toxicological information

11.1 Information on Toxicological effects

Information given is based on product testing, and/or similar products, and/or components

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

Acute oral toxicity: LD50:> 2000 - 5000 mg / kg Species: rat

Acute inhalation toxicity: LC50:> 20 mg / l

Acute dermal toxicity: LD50:> 2000 - 5000 mg / kg

Skin: Result: Mild skin irritant.

Eye irritation: Result: not an eye 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.

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



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SECTION 14: Transportation information

When packaged and shipped by BISSELL Homecare, Inc., these consumer commodities all less than 5 liters, packaged and labeled in accordance with all applicable requirements for transport by mode of shipment (air, sea or ground), as follows:

any single packaging or any combination packaging with inner receptacles less than or equal to 5 liters or 5 kilograms is no longer subject to regulation, not dangerous goods, and does not need to be marked as stated by these regulation:

- 1) International Air Transport Association (IATA), International Civil Aviation Organization (ICAO) Technical Instructions Dangerous Goods Regulation 80th Edition 2019 and Special Provision A197;
- 2) International Maritime Dangerous Goods (IMDG 2019, Special Provision 969);
- 3) European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR 2017) Special Provisions SPF375

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Workplace Exposure Limits EH40. Commission Directive 2000/39/EC - indicative occupational exposure limit values

Regulation (EC) No 1272/2008 Regulation on the Classification, Labeling and Packaging of Substances and Mixtures (as amended).

Regulation (EC) No 1907/2006 Registration, Evaluation, Authorization and Restriction of Chemicals (as amended).

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions of use are noted for this product.

Detergent Regulation 648/2004/EC

Water hazard classification (Germany): WGK 2 water pollutant (Self-assessment) slightly hazardous to water

15.2. Chemical Safety Assessment, A Chemical Safety Assessment is not required for this mixture

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.

H314 Causes severe skin burns and eye damage.

H317 Causes skin sensitization

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects

Abbreviations

DOT Department of Transportation

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.

Effective Date: April 19, 2022

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