



Safety Data Sheet

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

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Revision Number 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product code BCC201 / BCC202
Product Name Breville the Group Head Cleaner 5g
Unique Formula Identifier (UFI) 05CC-9FYM-Y10N-ED2G

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

Recommended Use Coffee/Esspresso machine/equipment cleaner

1.3. Details of the supplier of the safety data sheet

Supplier name Breville
Supplier Address (AU): Suite 2, 170-180 Bourke Rd, Alexandria NSW 2015
(NZ): 5 Broadway, Newmarket 1023, Auckland, New Zealand
(USA): 19400 S. Western Ave, Torrance CA, 90501-1119
(CA): 300 Town Centre Blvd, Suite 201, Markham, Ontario, L3R 5Z6, Canada (MX):
BREVILLEMÉXICO, S.A. DE C.V. MONTES URALES 360 PISO 2COL. LOMAS DE
CHAPULTEPEC III SECCIÓN MIGUEL HIDALGO CIUDAD DE MÉXICO C.P. 11000
MÉXICO
Supplier phone number (AU): 1300 139 798
(NZ): 0800 273 845
(USA): 1-866-273-8455
(CA): 1-855-683-3535
(MX): 1-800-953-1668
Supplier email (AU): askus@breville.com.au
(NZ): askus@breville.co.nz
(USA): brevilleusasupport.com
(CA): breville.ca/support
(MX): breville.mx/support

Manufacture Cafetto
12 Coglin Street, Brompton SA 5007 Australia
International: +61 8 8245 6901
(EU): +31 70 353 8142
(UK): +31 70 353 8142
enquiry@cafetto.com

1.4. Emergency telephone number**Emergency telephone**

Emergency telephone §45 - (EC)1272/2008	
Europe	112
Australia	000
UNITED STATES	911
United Kingdom	999

Section 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Serious eye damage/eye irritation	Category 2 - (H319)
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2.2. Label elements**Signal word****Warning****Hazard Statements**

H319 - Causes serious eye irritation

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P280 - Wear eye protection/ face protection

P264 - Wash hands thoroughly after handling

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other hazards

No information available

Section 3: Composition/information on ingredients**3.1 Substances**

Not applicable.

3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium carbonate	207-838-8	497-19-8	30-60%	Eye Irrit. 2 (H319)
Sodium percarbonate	239-707-6	15630-89-4	10-25%	Ox. Sol. 3 (H272) Acute Tox. 4 (H302) Eye Irritation 2 (H319) 7.5% ≤ C < 25%

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: First aid measures

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. (Call a physician if symptoms occur.).
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Ingestion	Do not induce vomiting without medical advice. Call a physician or poison control centre immediately.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms	No information available.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
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Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
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5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

None

Hazardous Combustion Products

None.

5.3. Advice for firefighters**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Other Information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.
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6.3. Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections	See section 8 for more information. See section 13 for more information.
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Section 7: Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.
General Hygiene Considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
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7.3. Specific end use(s)

Identified uses	
Risk Management Methods	The information required is contained in this Safety Data Sheet.

(RMM)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
Derived No Effect Level (DNEL)	No information available
Dermal	(Sodium Percarbonate 15630-89-4) Worker long-term local effect 12.8 mg/cm ² (Sodium Percarbonate 15630-89-4) Worker acute/short-term local effect 12.8 mg/cm ² (Sodium Percarbonate 15630-89-4) Public long-term local effect 6.4 mg/cm ² (Sodium Percarbonate 15630-89-4) Public acute/short-term local effect 6.4 mg/cm ²
Inhalation	(Sodium Percarbonate 15630-89-4) Worker long-term systemic 5 mg/m ³
Inhalation	(Sodium Carbonate 497-19-8) Public long-term local effects 5 mg/m ³ and Worker long-term local effects 10 mg/m ³
Predicted No Effect Concentration (PNEC)	No information available
Freshwater	(Sodium Percarbonate 15630-89-4) 0.035mg/L
Marine water	(Sodium Percarbonate 15630-89-4) 0.035mg/L

8.2. Exposure controls

Personal protective equipment

Eye/face protection	Avoid contact with eyes. If splashes are likely to occur, wear safety glasses with side-shields.
Hand Protection	Wear suitable gloves. Nitrile rubber.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls	No information available.

General Hygiene Considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	White
Odor	Characteristic
Color	No information available
Odor Threshold	Not applicable

<u>Property</u>	<u>Values</u>
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pH	10.5 - 11.4 (in 1% solution)
Melting / freezing point	Property does not apply to product
Boiling point / boiling range	Property does not apply to product
Flash Point	Property does not apply to product
Evaporation Rate	Property does not apply to product
Flammability (solid, gas)	Property does not apply to product
Flammability Limit in Air	
Upper flammability limit	Property does not apply to product
Lower flammability limit	Property does not apply to product
Vapor pressure	Property does not apply to product
Vapor density	Property does not apply to product
Relative density	Property does not apply to product
Water Solubility	Completely soluble
Solubility(ies)	Property does not apply to product
Partition coefficient: n-octanol/water	Property does not apply to product
Autoignition temperature	Property does not apply to product
Decomposition temperature	Property does not apply to product
Kinematic viscosity	Property does not apply to product
Dynamic viscosity	Property does not apply to product
Explosive properties	Property does not apply to product
Oxidizing properties	Property does not apply to product

9.2. Other information

Softening Point	Property does not apply to product
Molecular Weight	Property does not apply to product
VOC Content (%)	Property does not apply to product
Liquid Density	Property does not apply to product
Bulk Density	Property does not apply to product
Particle Size	Property does not apply to product
Particle Size Distribution	Property does not apply to product
Minimum Ignition Temperature (°C)	Product is not self-igniting.
Minimum Explosive Conc. (g/m ³)	Product does not present an explosion hazard.

Section 10: Stability and reactivity**10.1. Reactivity**

Remarks No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.

10.4. Conditions to avoid

None known.

Explosion Data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition productsCarbon monoxide, Carbon dioxide (CO₂).**Section 11: Toxicological information****11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

Inhalation	No known effect based on information supplied.
Eye contact	(based on components). Causes serious eye irritation. May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause redness and tearing of the eyes.
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Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate	= 2800 mg/kg (Rat)	>2000 mg/kg (Rabbit)	= 2.3 mg/L (Rat) 2hr
Sodium percarbonate	= 1034 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 170 mg/L (Rat) 4hr

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitization	Classification criteria not met based on available data.
Germ cell mutagenicity	Classification criteria not met based on available data.
Carcinogenicity	Classification criteria not met based on available data.
Reproductive Toxicity	Classification criteria not met based on available data.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.

Aspiration hazard Classification criteria not met based on available data.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Endocrine disrupting properties None of the ingredients are listed

11.2.2. Other information

Other adverse effects No information available

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium carbonate	No data available	96h LC50: = 300 mg/L (Lepomis macrochirus)	No data available	48h EC50: = 265 mg/L (Ceriodaphnia dubia)
Sodium percarbonate	No data available	96h LC50: = 70.7 mg/L (Pimephales promelas)	No data available	48h EC50: = 4.9 mg/L (Daphnia pulex)

12.2. Persistence and degradability

Persistence and Degradability Not considered to be persistent. Has degradable properties

12.3. Bioaccumulative potential

Bioaccumulation Not considered to be bioaccumulative.

12.4. Mobility in soil

Mobility in soil High mobility in soil based on molecular structure

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment Not considered to be persistent, bioaccumulating and toxic.
Not considered to be very persistent and very bioaccumulating.

Chemical name	PBT and vPvB assessment
Sodium carbonate	The substance is not PBT / vPvB PBT assessment does not apply
Sodium percarbonate	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Endocrine disrupting properties

Endocrine disrupting properties None of the ingredients are listed

12.7. Other adverse effects

No information available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	No information available.

Section 14: Transport information

<u>IMDG/IMO</u>	Not applicable
14.1 UN number or ID number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Marine pollutant	Not applicable
14.6 Special precautions for user	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

<u>RID</u>	Not applicable
14.1 UN number or ID number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	None

<u>ADR</u>	Not applicable
14.1 UN number or ID number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	None

<u>IATA</u>	Not applicable
14.1 UN number or ID number	Not applicable
14.2 UN proper shipping name	NON REGULATED
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	None

Section 15: Regulatory information

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

National regulations

**Germany
European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Persistent Organic Pollutants

Not applicable.

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable.

15.2. Chemical safety assessment

No information available.

Additional Regulatory Information:

New Zealand HSNO Approval Number: HSR002530 Cleaning Products (Subsidiary) Hazard Group Standard 2020.

This SDS complies with legislative requirements in Australia, including Safe Work Australia guidelines, Australian Dangerous Goods Code and the criteria for the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. In accordance with European Regulation (EC) No 648/2004, this product contains: Anionic surfactants <5% Non-ionic surfactants <5%

Section 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H272 - May intensify fire; oxidizer
H302 - Harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H319 - Causes serious eye irritation

Legend

SVHC	Substance of very high concern
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	Very Persistent and Very Bioaccumulative
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TWA	Time-Weighted Average

Section 8: Exposure controls and personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation

Classification procedure**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian Inventory of Industrial Chemicals (AIIC)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
U.S. Environmental Protection Agency High Production Volume Chemicals
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

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This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet