



BOULDERCLEAN



SAFETY DATA SHEET

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 06/29/21

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product Identifier

Product Form: Mixtures

Product Name: B Clean Window and Glass Cleaner Refill Tablets crisp mint

1.2. Intended Use of the Product

Use of the Substance/Mixture: Glass surface cleaning. Product is in solid tablet form, for hazards associated with final liquid diluted form (diluted with 32oz of tap water) see accompanying safety data sheet.

1.3. Name, Address, and Telephone of the Responsible Party

Company

1908 Brands Inc.
3550 Frontier Ave., Unit C-1
Boulder, CO 80301
www.1908brands.com

1.4. Emergency Telephone Number

Company Number : 1-720-204-3042
Emergency Number : 1-800-424-9300 (Chemtrec 24 hour US)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315
Eye Dam. 1 H318

2.2. Label Elements GHS-US

Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary Statements (GHS-US)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling. P280 - Wear protective gloves, protective clothing, eye protection, face protection, insufficient ventilation respiratory protection.

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P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P310 - Immediately call a POISON CENTER or doctor.
P321 - Specific treatment (see section 4).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing.
P405 - Store locked up.
P501 - Dispose of contents/container to local, regional, national, and international regulations.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre existing eye, skin, or respiratory conditions. Product in diluted liquid form will have hazards consistent with the solid form.

07/08/2013

EN (English US)

1/6

2.4. Unknown Acute Toxicity (GHS-US):

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product Identifier | % | Classification (GHS-US) |
|--------------------------|--------------------------|-------|--|
| Sodium bicarbonate | (CAS No) 144-55-8 | 35-45 | Eye Irrit. 2B, H320 |
| Citric acid | (CAS No) 77-92-9 | 25-35 | Comb. Dust Eye Irrit. 2A, H319 |
| Sodium lauryl sulfate | (CAS No) 151-21-3 | 10-20 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402 |
| Nat. Spearmint Fragrance | Mixture (Proprietary) | 10-20 | Comb. Dust |

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

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First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

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

Symptoms/Injuries: May damage fertility or the unborn child. Causes serious eye damage. Causes skin irritation. Product in diluted liquid form will have symptoms consistent with the solid form

Symptoms/Injuries After Inhalation: Prolonged exposure to liquid in diluted form may cause a mild irritation.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. Ingestion may cause nausea, vomiting and diarrhea.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide, foam, dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing dust.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection. **Emergency Procedures:** Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Sweep or vacuum the solid product to recover it.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Recover the solid product by vacuuming, shoveling or sweeping.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Do not pressurize, cut, or weld containers.

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, combustible materials, ignition sources, incompatible materials.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

7.3. Specific End Use(s)

Bathroom surface cleaning. Product is in solid tablet form, for hazards associated with final liquid diluted form (diluted with 32oz of tap water) see accompanying safety data sheet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.

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Personal Protective Equipment

: Safety glasses. Insufficient ventilation: wear respiratory protection. Gloves. Protective clothing.



Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear chemically resistant protective gloves.

Eye Protection

: Chemical goggles or safety glasses.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Other Information

: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | |
|--|---------------------|
| Physical State | : Solid |
| Appearance | : Tablet, white. |
| Odor | : Mint. |
| Odor Threshold | : No data available |
| pH | : No data available |
| Relative Evaporation Rate (butylacetate=1) | : No data available |
| Melting Point | : No data available |
| Freezing Point | : No data available |
| Boiling Point | : No data available |
| Flash Point | : No data available |
| Auto-ignition Temperature | : No data available |
| Decomposition Temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor Pressure | : No data available |
| Relative Vapor Density at 20 °C | : No data available |
| Relative Density | : No data available |
| Specific Gravity | : Not available |
| Solubility | : Soluble |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, Kinematic | : No data available |
| Viscosity, Dynamic | : No data available |
| Explosive Properties | : No data available |
| Oxidizing Properties | : No data available |

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Explosive Limits : Not applicable

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable at standard temperature and pressure.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Sulfur oxides. Nitrogen oxides. Oxides of boron.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity : Not classified

| | |
|---|---|
| Citric acid (77-92-9) | |
| LD50 Oral Rat | 3000 mg/kg |
| Sodium bicarbonate (144-55-8) | |
| LD50 Oral Rat | 4220 mg/kg |
| Sodium Carbonate (497-19-8) | |
| LD50 Oral Rate | 4090 mg/kg |
| Sodium lauryl sulfate (151-21-3) | |
| LD50 Oral Rat | 1288 mg/kg |
| LD50 Dermal Rabbit | 580 mg/kg |
| LC50 Inhalation Rat (mg/l) | > 3900 mg/m ³ (Exposure time: 1 h) |
| Fragrance | |
| LD50 Oral Rat | 15900 mg/kg |

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not Classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure to liquid in diluted form may cause a mild irritation.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

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Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. Ingestion may cause nausea, vomiting and diarrhea.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

| Citric acid (77-92-9) | |
|----------------------------------|--|
| LC50 Fish 1 | 1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1 | 120 mg/l (Exposure time: 72 h - Species: Daphnia magna) |
| Sodium bicarbonate (144-55-8) | |
| LC50 Fish 1 | 8250 - 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1 | 2350 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 Other Aquatic Organisms 1 | 650 mg/l (Exposure time: 120 h - Species: Nitzschia linearis) |
| Sodium Carbonate (497-19-8) | |
| LC50 Fish 1 | 300 mg/l |
| EC50 Daphnia 1 | 265 mg/l |
| EC50 Fish 2 | 740 mg/l |
| Sodium lauryl sulfate (151-21-3) | |
| LC50 Fish 1 | 8 - 12.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 Other Aquatic Organisms 1 | 53 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus) |
| LC 50 Fish 2 | 15 - 18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Other Aquatic Organisms 2 | 30 - 100 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus) |

12.2. Persistence and Degradability

| DAZZ Window and Glass Cleaner | |
|-------------------------------|---------------------------------|
| Persistence and Degradability | Not established. |
| Citric acid (77-92-9) | |
| Persistence and Degradability | Readily biodegradable in water. |

12.3. Bioaccumulative Potential

| DAZZ Window and Glass Cleaner | |
|-------------------------------|------------------|
| Bioaccumulative Potential | Not established. |
| Citric acid (77-92-9) | |
| Log Pow | -1.72 (at 20 °C) |

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| | |
|---|---------------------------|
| Sodium lauryl sulfate (151-21-3) | |
| BCF fish 1 | (will not bioconcentrate) |
| Log Pow | 1.6 |

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG

14.1. UN Number Not regulated for transport

14.2. UN Proper Shipping Name Not regulated for transport

14.3. Additional Information

Other information : Not regulated for transport

Transport by Sea Not regulated for transport

Air Transport Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

| | |
|--|---------------------------------|
| DAZZ Window and Glass Cleaner | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |

| |
|---|
| Colorant |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Citric acid (77-92-9) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Sodium bicarbonate (144-55-8) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Sodium Carbonate (497-19-8) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Sodium lauryl sulfate (151-21-3) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Fragrance |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

US State Regulations

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SECTION 16: OTHER INFORMATION

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. The specific chemical identity and/or exact percentage 4.5% of composition has been withheld as a trade secret. **GHS Full Text Phrases:**

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Comb. Dust | Combustible Dust |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Eye Irrit. 2B | Serious eye damage/eye irritation, Category 2B |
| Skin Irrit. 2 | skin corrosion/irritation Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H335 | May cause respiratory irritation |
| H402 | Harmful to aquatic life |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

SDS US (GHS HazCom)