

MATERIAL SAFETY DATA SHEET
Dishwasher Detergent

General Information

Manufacturer's Name

The Hain Celestial Group, Inc.

Emergency Tel Number

For Product Information: 1-800-498-8004

For Transportation Emergencies, call Chemtrec:-800-424-9300

Manufacturer's Address:

58 S. Service Road Suite 250
Melville, NY 11747

PRODUCT IDENTIFICATION:

Dishwasher Detergent

PRODUCT NUMBER:

MS100478

01. Hazard Rating (4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight)

- Health – 1
- Flammability – 0
- Reactivity - 0

02. Composition & Ingredients

Ingredients	CAS #	EINECS #
Water	7732-18-5	231-791-2
Potassium Silicate	1312-76-1	215-199-1
Potassium Hydroxide	1310-58-3	215-181-3
Citric Acid	77-92-9	201-069-1
Alkylpolyglycoside C10-16	110615-47-9	
Hydroxyethylcellulose	9004-62-0	

03. Physical Data

Characteristics	Description
Appearance	Clear to slight hazy pale yellow semi-viscous free flow liquid
Fragrance	Unscented with light chemical smell
Viscosity @ 25 °C	1,000 – 5,000 cps

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pH @ 25 °C	10.50 – 12.50
Specific Gravity @ 25 °C	0.980 – 1.030
Boiling Point	> 100 °C
Melting Point	N/A
Solubility in Water	Soluble

04. Emergency & First Aid Procedures

- Eye Contact – Immediately rinse eyes thoroughly with water for at least 15 minutes, if irritation persist contact doctor immediately.
- Oral Irritation – Rinse with plenty water to remove material immediately and completely, if mucosa irritation persist contact doctor immediately.
- Skin – Remove contaminated clothing, rinse with water and wash with soap if necessary. If skin irritation persist contact doctor immediately.
- Ingestion – Drink plenty water and contact doctor if discomfort condition persists.
- Inhalation – Not likely, however if occurs leave the area and get fresh air.
- Hygiene Practice – Wash hands after use of this product. Do not ware or use the contaminated clothing.

05. Fire & Exposition

- Flash Point – > 90⁰ C (Close Cup)
- Explosive Limits – None established
- Flammability Classification – N/A
- Extinguishing Media – Extinguish fires with ABC all-purpose extinguisher.
- Fire Fighting Instruction – Fire fighters should use self contained breathing apparatus in enclosed areas.

06. Hazards Identification

- Eye – May produce transient mild eye irritation
- Skin – May produce slightly skin irritation.
- Inhalation – May produce transient mild respiratory system discomfort
- Ingestion – Mild toxic
- None of the materials in this product are on the IARC, OSHS, NTP or CA Proposition 65 carcinogen list.
- Do not mix with hypochlorite bleach or other bleach or cleaning products as harmful fumes may occur

07. Accidental Release & Spill

- Personal Precautions: None Known
- Environmental Precautions: None Known
- Spill / Leak Clean-up – Dilute with Water.

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08. Exposure Controls & Personal Protection

- Engineering Controls – None required
- Personal Protective Equipment
 - a. Eye – Safety glass
 - b. Skin – None required
 - c. Inhalation – None required

09. Handling and Storage

- Precautions for Safe Handling – None.
- Conditions for Safe Storage - None.
- Other Recommendations – None

10. Stability and Reactivity

- Possible Hazardous Reactions – None Known
- Condition to Avoid – None Known
- Hazardous Decomposition Products – None Known
- Stability – Stable under normal use and storage
- Other Recommendation - None

11. Toxicological Information

- The product is not likely to be harmful to health under normal or reasonably foreseeable conditions of use.
- These products have been used extensively by consumers and the worldwide beauty care industrial is not aware of any significant adverse reactions from using this product.
- Effects of Chronic Exposure – For purposes of chronic exposure under the OSHA Hazard Communication Standard, these products are untested mixtures. The safety of each ingredient is extensively reviewed by several product safety evaluation organizations, i.e. US Food and Drug Administration, Personal Care Products Council, etc.

12. Transport Information

- DOT / IAT / IMDG Classification – No restriction
- EPA-SARA Title III / CERCLA – This product is regulated under section 311 / 312. This product contains no chemicals that are regulated under other sections.

13. Additional Regulation Information

- House hold cleaning product is a consumer product regulated by the Environment Protection Administration.

14. Other Information

- This Material Safety Data Sheet is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.