



## SAFETY DATA SHEET

### 1. Product and company identification

Product Name EMERALD GREEN DISH SOAP

UN/ID No. DOT (U.S.): Not Regulated

#### Recommended use of the chemical and restrictions on use

Recommended Use Industrial Ultra Concentrated Dish Soap

**Supplier:** Butler Chemicals, Inc.  
3070 E. Ceena St., Anaheim, CA. 92806  
Anaheim, CA. 90620

**Print date:** December 14, 2018

**Responsible name:** K.B.  
**In case of emergency:** HEALTH EMERGENCIES — SPILL EMERGENCIES  
CALL INFOTRAC 1(800) 535-5053

<b>Product type:</b>	Blend
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### 2. Hazards identification

<b>Appearance:</b> Clear Green	<b>Physical State:</b> Liquid	<b>Odor:</b> Pleasant
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**GHS Label Element:** This mixture does not meet the GHS criteria for classification

#### Hazard Statement

Effects of over-exposure (For each potential route of Exposure)

INHALED: None  
SKIN: Mild Skin Irritant.  
EYES: Mild Eye Irritant  
SWALLOWED: Harmful if swallowed, will cause throat irritation.

#### Precautionary Statements – Preventions

Keep out of reach of children  
Read label before use  
Wash hands thoroughly after handling  
Wear eye protection

#### Precautionary Statements – Response

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

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**IF SWALLOWED:** Harmful if swallowed, will cause throat irritation. Rinse mouth. Do **NOT** induce vomiting. Get medical attention

#### Precautionary Statements – Disposal

Store in a cool, dry, well ventilated area away from heat or flame

#### Precautionary Statements Disposal

Dispose of contents/container to an approved waste disposal plant

### 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

### 4. First aid measures

<b>Eye contact:</b>	Immediately hold the eyes open and wash with fresh running water. Take care not to rinse contaminated water into non-affected eye. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to remove. Continue rinsing. If symptoms persist, obtain medical attention
<b>Skin contact:</b>	Wash skin thoroughly with plenty of water. Remove contaminated clothing and wash before re-use. If symptoms develop, obtain medical attention.
<b>Inhalation:</b>	Remove from source of exposure. Keep at rest until recovered. If symptoms persist, obtain medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Immediately remove product from the mouth and wash out mouth with plenty of water. If symptoms develop, obtain medical attention.
<b>First Aid Facilities:</b>	An eye wash fountain, safety shower and general washing facility should be available immediately adjacent to the work area.
<b>Note to physician</b>	Treat symptomatically.

### 5. Fire-fighting measures

<b>Flash point:</b>	Closed Cup:>212 <sup>0</sup> F (98.9 <sup>0</sup> C) None to boil (Pensdky-Martens) ASTM #D-93 Open Cup: >212 <sup>0</sup> F (98.9 <sup>0</sup> ) None to boil (Cleveland) ASTM #D-92
<b>Flammability of the product:</b>	This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.
<b><u>Extinguishing media:</u></b> <b>Suitable:</b>	Use appropriate fire extinguisher for surrounding environment.
<b>Special protective equipment for fire-fighters:</b>	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

### 6. Accidental release measures

<b>Personal precautions:</b>	Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.
<b>Environmental precautions:</b>	Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.
<b>Methods and Materials for Containment and Clean Up:</b>	Observe all personal protective equipment recommendations described in this SDS. Contain spill. If leaked material can be pumped, store recovered material in appropriate containers. Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent material or cleaning materials appropriately. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

## 7. Handling and storage

**Precautions for Safe Handling:** Use a well ventilated area. Avoid breathing in mists or vapor. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.

**Storage** Store in a cool, dry well ventilated area, away from heat and out of direct sunlight. Keep away from oxidizing agents, strong acids and foodstuff containers.

## 8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

### Individual-protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	No special equipment is usually needed when occasionally handling small quantities. For bulk handling wear suitable protective glasses or goggles.
<b>Skin and Body Protection</b>	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. When handling bulk quantities, wear gloves of impervious material.
<b>Respiratory Protection</b>	Domestic quantities require no special equipment with normal careful use. When handling bulk quantities, avoid breathing mist or vapors. When ventilation is inadequate and mists or vapors are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants.

## 9. Physical and chemical properties

<b>Physical state</b>	Liquid
<b>Boiling Point:</b>	212 <sup>o</sup> F.
<b>Color</b>	Green
<b>pH</b>	7.0
<b>Specific Gravity:</b>	(H <sub>2</sub> O=1) 1.02
<b>Percent solid by weight:</b>	10%
<b>Odor</b>	Pleasant
<b>Percent volatile by weight:</b>	90%
<b>Solubility in water</b>	100%

## 10. Stability reactivity

<b>Stability</b>	Stable
<b>Hazardous polymerization</b>	Will not occur
<b>Conditions to avoid</b>	Do not mix with other ingredients except water
<b>Materials to avoid</b>	Strong Acids, Strong Oxidizing Agents
<b>Hazardous decomposition Products:</b>	None

## 11. Toxicological information

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
None Known				

## 12. Ecological information

### Environmental effects:

Not Determined

## 13. Disposal considerations

### Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## 14. Transport information

DOT Classification: Not Regulated

## 15. Regulatory information

### California Proposition 65:

This product does not contain any Proposition 65 chemicals.

## 16. Other information

### NFPA

### Health Hazards

### Flammability

### Instability

### Special Hazards

Not determined

Not determined

Not determined

Not determined

### HMS

### Health Hazards

### Flammability

### Physical Hazards

### Personal Protection

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### Disclaimer

The information provided in the 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 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