

## MSDS - Material Safety Data Sheet

Product Name: **BOWL BRITE**

SDS No.: G401

**I. Basic Information:**

Manufacturer: GRIFFIN BROS. INC

Address: P.O Box 42194

City, ST Zip: PORTLAND, OR 97242

Emergency / Information 800-456-4743

Last Update:10/14/98

Chemical State:  Liquid  Gas  Solid24 Hour Emergency  
CHEMTREC 800-424-9300Chemical Type:  Pure  Mixture**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
111762	2-Butoxy ethanol					X	25ppm	25ppm	none
0	Cocobetaine						none	none	none
7647010	Hydrochloric acid						N/A	5ppm	N/A
1341497	Ammonium bifluoride						25ppm	25ppm	none
6497219	Alkyl imino acid						none	none	none
11254	Polyethoxynonylphenoxy ethanol						none	none	none

**III. Hazardous Identification:**

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

**IV. First Aid Measures:****Route(s) of Entry:**

Eyes, Skin. Ingestion.

**Health Hazards (Acute and Chronic):**

Eyes-Direct contact can cause eye damage../ Skin-direct contact can cause irritation if not rinsed off..Corrosive.

**Signs and Symptoms:**

Eyes-burning sensation.Prolonged contact can cause permanent injury../Skin- burning sensation followed by reddened skin./Ingestion-burning sensation to mouth,throat and digestive tract.

**Medical Conditions Generally Aggravated by Exposure:**

Dermatitis.

**Emergency and First Aid Procedures:**

Eyes-Rinse with water for 15 minutes. Call a physician if irritation persists../Skin Rinse with plenty of water.Change contaminated clothing../Ingestion-Give lots of water.Contact a physician.

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## V. Fire Fighting Measures:

Flash Point: none Lower Explosive Limit: n/a Upper Explosive Limit: n/a

Fire Extinguishing Media: will not burn.

## Special Fire Fighting Procedures:

n/a

## Unusual Fire and Explosion:

n/a

## VI. Accidental Release Measures:

## Steps to be Taken in Case Material is Released or Spilled:

Mop up and rinse with water. Treat with sodium carbonate solution.

## VII. Handling and Storage:

## Precautions to be Taken:

Avoid storing below 32F and over 100F

## Other Precautions:

## VIII. Exposure Controls/Personal Protection:

## Ventilation Requirements:

Mechanical

## Personal Protective Equipment:

Rubber gloves. Goggles.

## IX. Physical and Chemical Properties:

Boiling Point: 212F Specific Gravity (H<sub>2</sub>O = 1) 1.07 Melting Point: n/a Evaporation Rate: >1

Vapor Pressure (mm Hg.): n/a Vapor Density (AIR = 1): n/a

Solubility in Water: 100%

Appearance and Odor: green-blue liquid, slight acid odor

## X. Stability and Reactivity:

## Stability:

Stable

## Incompatibility (Materials to Avoid):

Alkaline products.

## Decomposition/By Products:

none known.

## Hazardous Polymerization:

will not occur.

## XIII. Disposal Considerations:

Dispose of according to Federal, State or Local regulations.