

**Crystal Packaging, Inc.****Cling & Clean II****1****PRODUCT AND COMPANY IDENTIFICATION**

Supplier Details: Crystal Packaging, Inc.  
9155 Boston Street  
Henderson, CO 80640

Phone: 303-778-1805

Email: accountant@crystalpackaging.com

Emergency: Chemtrec---1-800-262-8200

**2****HAZARDS IDENTIFICATION****Classification of the Substance or Mixture**

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral  
Health, Acute toxicity, 5 Inhalation  
Health, Serious Eye Damage/Eye Irritation, 1  
Health, Skin corrosion/irritation, 2

**GHS Label Elements, Including Precautionary Statements**

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H303 - May be harmful if swallowed  
H333 - May be harmful if inhaled  
H318 - Causes serious eye damage  
H315 - Causes skin irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P281 - Use personal protective equipment as required.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

Route of Entry: Eyes; Ingestion; Inhalation; Skin

Inhalation: May cause irritation and inflammation of the respiratory tract.

Skin Contact: May cause irritation, burning and redness.

Eye Contact: May cause serious eye irritation.

Ingestion: Harmful if ingested.

**3****COMPOSITION/INFORMATION OF INGREDIENTS**

Chemical Ingredients:		
CAS#	%	Chemical Name:
0	70-75%	Water
1310-58-3	18-23%	Potassium hydroxide
111-76-2	<5%	Ethylene glycol n-butyl ether
68649-29-6	<4%	Oxirane, methyl-, polymer with oxirane, mono-C10-16-alkyl ethers, phosphates
11138-66-2	<2%	Xanthan gum
3844-45-9	<1%	Brilliant blue FCF, disodium salt

## 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Remove contaminated clothing immediately. Promptly flush skin with water for at least 15-20 minutes. Wash contaminated clothing before reuse.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Remove contact lenses, if present and easy to do. Seek medical attention if symptoms do not subside.

**Ingestion:** Call Poison Control. Rinse mouth with water. Do NOT induce vomiting or attempt chemical neutralization. Give plenty of water to drink.

## 5 FIRE FIGHTING MEASURES

**Flammability:** Non Flammable

**Suitable Extinguishing Media:** dry powder, foam, carbon dioxide, or water spray.  
 Potassium hydroxide does not burn or support combustion. Use extinguishing agents compatible with potassium hydroxide and appropriate for the surrounding fire. If water is used, care should be taken, since it can generate heat and cause spattering if applied directly to potassium hydroxide.

## 6 ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes, skin, and clothing. Use personal protective equipment recommended in Section 8. Keep away from drains and ground water. Do not discharge into drains. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water. Clean surfaces thoroughly with water to remove residual contamination.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. See section 8 for recommendations on the use of personal protective equipment. Use approved containers only. Do not puncture or drop containers. Handle with care and avoid spillage on the floor (slippage). Launder contaminated clothing. Wash thoroughly after handling.

**Storage Requirements:** Keep away from incompatible materials (section 10). Store in cool/dry area. Suitable packing materials. Protect from freezing.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Good general ventilation should be used. Ventilation rates should be matched to conditions.

**Personal Protective Equipment:** Safety glasses/goggles; splash glasses/goggles. Safety spectacles with unperforated sideshields; Chemical resistant gloves; Gloves (solvent resistant); Gloves: nitrile, neoprene, latex, or rubber.

### Exposure Limits: Potassium Hydroxide

**USA OSHA (TWA<sub>5</sub>)/PEL): 2 mg/m<sup>3</sup>**

**ACGIH (TWA/TLV): 2 mg/m<sup>3</sup>**

**Respiratory Protection: NA**

**Ventilation: Good general ventilation.**

**Protective Gloves: Chemical/solvent resistant gloves.**

**Eye Protection: Splash glasses/goggles required.**

**Other Protective Equipment: NA**

**9****PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Blue liquid
Physical State:	Liquid
Odor:	No odor
Odor Threshold:	No data available
Solubility:	Complete
Spec Grav./Density:	1.062
Viscosity:	No data available
Boiling Point:	No data available
Freezing/Melting Pt.:	No data available
Flash Point:	No data available
Partition Coefficient:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
pH:	No data available
Evap. Rate:	No data available
Auto-Ignition Temp:	No data available
Decomp Temp:	No data available
UFL/LFL:	No data available

**10****STABILITY AND REACTIVITY**

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Exposure to air can form potassium carbonate.
Materials to Avoid:	Organic chemicals, nitrocarbons, halocarbons and metal of alloys mentioned. Oxidizing agents. Acids, Phosphorus. Aluminum. Zinc. Tin.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

**11****TOXICOLOGICAL INFORMATION****Toxicity Data: Potassium Hydroxide**

Eye Effects:	May cause mild to moderate eye irritaiton and burning.
Skin Effects:	May cause mild to moderate skin corrosin/irritation.
Ingestion Effects:	Potential burning of the lips, mouth, tongue, throat and stomach.
Accute Inhalation Effects:	Mild irriation may occur.
Chronic Effects:	Not Known.
Carcinogenicity:	Not Known.
Mutagenicity:	Not Known.
Teratogenicity:	Not Known.

**12****ECOLOGICAL INFORMATION**

Elimination (persistency and degradability): Not known.

**13****DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state, and federal regulations.

**14** **TRANSPORT INFORMATION**

Not hazardous product according to these transport classifications.

**15** **REGULATORY INFORMATION**

[%] RQ (CAS#) Substance - Reg Codes

[70-75%] Water (0)

[18-23%] RQ(1000LBS), Potassium hydroxide (1310-58-3) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

[<5%] Ethylene glycol n-butyl ether (111-76-2) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

[<4%] Oxirane, methyl-, polymer with oxirane, mono-C10-16-alkyl ethers, phosphates (68649-29-6) TSCA

[<2%] Xanthan gum (11138-66-2) TSCA

[<1%] Brilliant blue FCF, disodium salt (3844-45-9) MASS, TSCA

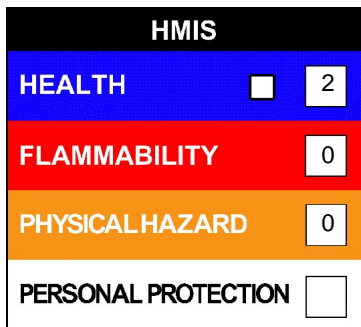
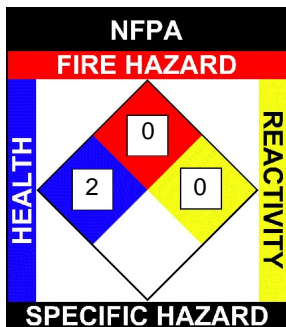
This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

- RQ = Reportable Quantity
- CERCLA = Superfund clean up substance
- CSWHS = Clean Water Act Hazardous substances
- MASS = MA Massachusetts Hazardous Substances List
- OSHA = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- HAP = Hazardous Air Pollutants

**16** **OTHER INFORMATION**

NFPA: Health = 2, Fire = 0, Reactivity = 0, Specific Hazard = n/a  
HMIS III: Health = 2, Fire = 0, Physical Hazard = 0



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