

## SAFETY DATA SHEET

## Evolve® Dishwasher Tablets

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

*Product Identifier:* Evolve® Dishwasher Tablets

*Product Code(s):* 00801

*Product Description:* Solid, tri-color tablet with lemon odor

*Recommended Use:* Detergent for household automatic dishwasher

*Manufactured For:* Custom Bottling & Packaging, Inc.

*Address:* 101 South Parker Drive

PO Box 9

Ashley, IN 46705

*Phone:* (260)-587-3155

*National Poison Control Center:* (800)-222-1222

### SECTION 2 – HAZARDS IDENTIFICATION

#### HAZARD CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910.1200(d)

*Eye Irritation:* Category 2A

#### LABEL CONTENT IN ACCORDANCE WITH 29 CFR 1910.1200(f)



*Hazard Pictogram(s):*

*Signal Word(s):* Warning

*Hazard Statement(s):* Causes serious eye irritation

*Precautionary Statement(s):* General: If medical advice is needed, have product container or label available. Keep out of reach of children. Read label before use.

Prevention: Wash hands thoroughly after using. Wear eye/face protection.

Response: IF IN EYE(S): Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention.

Disposal: Collect spillage. Dispose of in accordance with all applicable federal, state and local regulations. Do not reuse empty containers. Flush with water and place in appropriate trash or recycling receptacle.

*Supplemental Label Element(s):* Do not use together with other products.

*Hazard(s) Not Otherwise Classified:* None known

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Ingredient</u>	<u>Common Name(s) / Synonyms</u>	<u>CAS #</u>	<u>Weight %</u>
sodium carbonate	soda ash, washing soda	497-19-8	20-30%
sodium percarbonate	sodium carbonate peroxide	15630-89-4	14-20%
sodium silicate	sodium metasilicate, water glass	1344-09-8	2-5%
Oxirane, 2-methyl-, polymer with oxirane, mono (2-propylheptyl) ether	Oxirane, 2-methyl-, polymer with oxirane, mono (2-propylheptyl) ether; Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	2-5%

This product contains no known carcinogens present at or above de minimus level

### SECTION 4 – FIRST AID MEASURES

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*Ingestion:* Immediately call a Poison Control Center or doctor. Drink a glassful of water. Do not induce vomiting. Never give an unconscious person anything to ingest.

*Eye Contact:* Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention.

*Skin Contact:* Take off contaminated clothing and wash it before reuse. Rinse skin with water.

*Inhalation:* Remove to fresh air. If breathing problems develop, get medical attention.

*Signs and symptoms of exposure:*  
*Ingestion:* possible gastrointestinal irritation with redness, nausea and/or vomiting  
*Eye Contact:* may result in stinging, tearing, itching, swelling, redness and/or irritation  
*Skin Contact:* use on irritated or extremely dry skin may aggravate the existing condition  
*Inhalation:* inhalation of product dust may cause respiratory irritation

*Notes to physician:* Contains sodium carbonate, sodium percarbonate, sodium silicate, and nonionic surfactant

### SECTION 5 – FIRE FIGHTING MEASURES

*Extinguishing media:* Carbon dioxide, foam, dry chemical or water fog

*Specific hazards during fire-fighting:* During heating or in case of fire, poisonous gases may be produced. Evacuate downwind personnel

*Special protective equipment for firefighters:* Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

*Spill response:* Do not touch or walk through spilled material. Prevent release into waterways and sewers. Sweep up spilled material and transfer waste to labeled containers

*Other precautions:* Evacuate personnel and ventilate area around spill. Keep personnel upwind of spill. Only trained and properly protected personnel must be involved in clean-up operations. Use appropriate safety equipment

### SECTION 7 – HANDLING AND STORAGE

Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after using. Do not eat, drink or smoke when using this product. Wear protective gloves and eye/face protection. If medical advice is needed, have product container or label available. Store in a cool, dry location to preserve product integrity. Transport and store in the original container.

### SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### **Exposure Limits**

<u>Component</u>	<u>List</u>	<u>Type</u>	<u>Value</u>
sodium carbonate			(no information available)
sodium percarbonate	ACGIH	TLV	10 mg/m <sup>3</sup> (inhalable)
sodium silicate			(no information available)
Oxirane, 2-methyl-, polymer with oxirane, mono (2-propylheptyl) ether			(no information available)

#### **Engineering Controls**

Use in area with adequate ventilation to minimize exposure to product dust

#### **Personal Protective Equipment (PPE)**

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Safety glasses, goggles and/or face shields are required when handling large quantities of product in an industrial setting. Wear chemical-resistant gloves if there is a potential for prolonged skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is recommended

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

*Appearance:* Tri-color solid tablet

*Upper flammability limit:* Not available

*Odor:* Lemon

*Lower flammability limit:* Not available

*Odor Threshold:* Not available

*Flammability:* Not available

*pH:* 10.3 – 11.3

*Auto-ignition temperature:* Not available

*Melting/freezing point:* Not available

*Decomposition temperature:* Not available

*Boiling point/boiling range:* Not available

*Specific gravity:* Not applicable (solid)

*Flash point:* Not applicable

*Solubility in water:* Complete

*Evaporation rate:* Not applicable

*Partition coefficient:* Not available

*Vapor pressure:* Not applicable

*Vapor Density:* Not available

*Viscosity:* Not applicable (solid)

*Chemical reactivity:* No particular risks of reactions with other substances in normal use/storage conditions

*Chemical stability:* Stable at normal use/storage conditions, will not hazardously polymerize

*Conditions to avoid:* Avoid contact with other chemicals

*Incompatible materials:* Do not use together with other products

*Hazardous decomposition products:* In a fire situation, normal products of combustion will be released, along with poisonous gases

*Hazardous reaction possibility:* None known

### SECTION 11 – TOXICOLOGICAL INFORMATION

This product contains no known carcinogens. Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Likely routes of entry include inhalation, ingestion, skin contact, and eye contact

*Signs and symptoms of exposure:* Ingestion: possible gastrointestinal irritation with redness, nausea and/or vomiting  
 Eye Contact: may result in stinging, tearing, itching, swelling, redness and/or irritation  
 Skin Contact: use on irritated or extremely dry skin may aggravate the existing condition  
 Inhalation: inhalation of product dust may cause respiratory irritation

<u>Component</u>	<u>Acute toxicity, ingestion</u>	<u>Acute toxicity, absorption</u>	<u>Repeated dose toxicity</u>	<u>Developmental toxicity</u>	<u>Reproductive toxicity</u>	<u>Genetic toxicity</u>
sodium carbonate	4,090 mg/kg, LD50, rat	>2,000 mg/kg, LD50, rat	not available	not available	no teratogenic effect noted in primates	not available
sodium percarbonate	2,000 mg/kg, LD50, rat	not available	not available	not available	not classified for reprotoxic or developmental toxicity	not classified for mutagenic or genotoxic toxicity



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sodium silicate	3,400 mg/kg, LD50, rat	>5,000 mg/kg, LD50, rat	not available	no evidence of developmental toxicity	no evidence of reproductive toxicity	no evidence of genotoxicity
Oxirane, 2-methyl-, polymer with oxirane, mono (2- propylheptyl) ether	500 mg/kg, LD50	not determined	no data available	no data available	no data available	not mutagenic

### SECTION 12 – ECOLOGICAL INFORMATION

<u>Component</u>	<u>Aquatic Ecotoxicity</u>	<u>Terrestrial Ecotoxicity</u>	<u>Persistence &amp; Degradability</u>	<u>Bioaccumulative Potential</u>	<u>Soil Mobility</u>	<u>Other Adverse Effects</u>
sodium carbonate	slightly harmful to aquatic organisms	expected to be slightly harmful to terrestrial species	not available	low bioaccumulative potential	expected to be mobile in soil	none known
sodium percarbonate	slightly toxic to aquatic organisms	not available	readily degradable	not expected to be bioaccumulative	expected to be mobile in soil	none known
sodium silicate	acutely toxic to aquatic organisms	expected to be slightly harmful to terrestrial species	readily degradable	no bioaccumulative potential	not available	none known
Oxirane, 2- methyl-, polymer with oxirane, mono (2- propylheptyl) ether	slightly harmful to aquatic organisms	expected to be slightly harmful to terrestrial species	readily biodegradable	not expected to be bioaccumulative	adsorption to soil is possible	none known

### SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable federal, state and local regulations. Do not reuse empty containers – flush with water and place in appropriate trash or recycling receptacle

### SECTION 14 – TRANSPORTATION INFORMATION

UN Number: n/a

UN Proper Shipping Name: Not regulated in non-bulk containers

Transportation Hazard Class(es): n/a

Packing Group: n/a

Environmental Hazards: n/a

Transport in bulk: n/a (not shipped in bulk containers)

Limited Quantity Exception possible: n/a

### SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients in this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30

FIFRA: This product is not a registered pesticide

CERCLA reportable quantity: none

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*California Proposition 65:* This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute

SARA Title III 302 extremely hazardous substance: No

SARA Title III 313 reportable ingredients: No

SARA Title III 311/312 hazard categories:

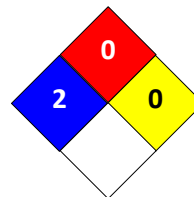
	<u>Yes</u>	<u>No</u>
Immediate Hazard	X	
Delayed Hazard		X
Fire Hazard		X
Pressure Hazard		X
Reactivity Hazard		X

**SECTION 16 – OTHER INFORMATION**

This product should only be used as directed on the label and for its intended purpose. This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer’s control and all chemicals may present unknown hazards and should be used with caution. User is responsible for evaluating all available information when using this product for a particular use and to comply with all applicable federal, state and local laws and regulations.

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HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B