



**Crystal Dish Detergent**

SDS Number: 24

Revision Date: 6/15/2015

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**1 PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer**

James Austin Company  
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Mars, PA 16046

**Phone:** 724-625-1535  
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**Product Name:** Crystal Dish Detergent  
**Revision Date:** 6/15/2015  
**Version:** 1  
**SDS Number:** 24  
**Product Code:** 54200-20105, 54200-20210, 54200-20104, 54200-21050  
**Synonyms:** Dishwashing detergent, Dish soap  
**Internal ID:** 90201055, 90201065, 90201045, 91000198

**Emergency phone number: CHEMTREC**  
**US:** 1-800-424-9300 **Canada:** 1-800-567-7455  
**Poison Control Center:** 1-800-222-1222

**2 HAZARDS IDENTIFICATION**

GHS Signal Word:  
WARNING

GHS Classifications:  
Health, Acute toxicity, 5 Oral

GHS Phrases:  
H303 - May be harmful if swallowed

GHS Precautionary Statements:  
P102 - Keep out of reach of children.  
P103 - Read label before use.  
P233 - Keep container tightly closed.  
P270 - Do not eat, drink or smoke when using this product.  
P301+310 - IF SWALLOWED: For larger amounts ingested, immediately call a POISON CENTER or doctor/physician.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P370+378 - In case of fire: Use dry chemical, carbon dioxide or alcohol foam for extinction.  
P401 - Store upright and keep cap secure.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

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**Ingredients:**

Cas #	Percentage	Chemical Name
68585-34-2	1.00-5.00%	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts
68584-22-5	1.00-5.00%	Benzenesulfonic acid, C10-16-alkyl derivs.
7647-14-5	1.00-5.00%	Sodium Chloride
68603-42-9	0.10-1.50%	Amides, coco, N,N-bis(hydroxyethyl)
1643-20-5	0.10-1.00%	1-Dodecanamine, N,N-dimethyl-, N-oxide
1310-73-2	0.10-0.20%	Sodium hydroxide
4719-04-4	0.05-0.15%	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol
64-02-8	0.05-0.15%	Chelating Agent
N/A	<0.10%	Dye
N/A	<0.10%	Fragrance
7732-18-5	90.80-95.20%	Water

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FIRST AID MEASURES

**Inhalation:** No specific treatment necessary.

**Skin Contact:** Rinse skin well with water. If irritation develops or persists, seek medical attention.

**Eye Contact:** Flush eyes with large quantities of water for 15 minutes and seek medical attention.

**Ingestion:** For larger amounts exceeding one ounce, do not induce vomiting. Give one or two glasses of water and seek medical attention.

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FIRE FIGHTING MEASURES

**Flammability:** Not flammable or combustible

**Flash Point:** None

Use foam, carbon dioxide or dry chemical to distinguish. Use of water extinguishing may result in frothing.

6
ACCIDENTAL RELEASE MEASURES

**Small spill:** Flush to sanitary sewer. Mop residue and rinse thoroughly with water.

**Large spill:** Contain run-off with absorbant materials such as sand, clay or diking. Transfer liquid and absorbant material to an approved container. Keep spill out of sewers or any access to bodies of water. If run-off occurs, notify proper authorities as required.

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HANDLING AND STORAGE

**Handling Precautions:** No special handling precautions.

**Storage Requirements:** Store upright with a tightly closed cap. Keep from freezing.



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**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** No special engineering controls.  
No special ventilation requirements.

**Personal Protective Equip:** Not necessary.

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**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear; yellow, blue, green, pink	<b>Odor:</b>	Lemon, fresh, apple, raspberry aroma
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Completely soluble
<b>Spec Grav./Density:</b>	1.010 - 1.020		
<b>Viscosity:</b>	300 cP		
<b>pH:</b>	6.50 - 7.50		

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**STABILITY AND REACTIVITY**

**Stability:** The product is stable.

**Conditions to Avoid:** No special precautions beyond standard safe practices.

**Materials to Avoid:** No significant limitations.

**Hazardous Decomposition:** None under normal processing.

**Hazardous Polymerization:** Will not occur.

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**TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**

**Oral (LD 50):** No information available.

**Inhalation (LC 50):** No information available.

**Skin Irritation:** Repeated, prolonged or occluded contact may cause skin irritation.

**Eye Irritation:** Direct contact with the eye may result in irritation.

**Chronic Toxicity:** No information available.



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**ECOLOGICAL INFORMATION**

Considered biodegradable

BOD/COD Value is not established

Ecotoxicity: Not established

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**DISPOSAL CONSIDERATIONS**

Small amounts of unused product may be flushed safely to the sanitary sewer with plenty of water. Contact local water board before flushing large amounts. If solidified, large amounts may be disposed of in a sanitary landfill. Contact state or local authorities for additional instructions and restrictions.

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**TRANSPORT INFORMATION**

DOT: Not regulated. Classified as non-hazardous.



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**REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

- \*Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585342 1.00-5.00%) TSCA
- \*Benzenesulfonic acid, C10-16-alkyl derivs. (68584225 1.00-5.00%) TSCA
- \*Sodium Chloride (7647145 1.00-5.00%) TSCA
- \*Amides, coco, N,N-bis(hydroxyethyl) (68603429 0.10-1.50%) TSCA
- \*1-Dodecanamine, N,N-dimethyl-, N-oxide (1643205 0.10-1.00%) TSCA
- \*Sodium hydroxide (1310732 0.10-0.20%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR
- \*1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719044 0.05-0.15%) TSCA
- \*Chelating Agent (64028 0.05-0.15%) TSCA
- \*Dye (N/A <0.10%) TSCA
- \*Fragrance (N/A <0.10%) TSCA
- \*Water (7732185 82.20-96.60%) TSCA

REGULATORY KEY DESCRIPTIONS

- CERCLA = Superfund clean up substance
- HAP = Hazardous Air Pollutants
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- OSHA = OSHA workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- SARA313 = SARA 313 Title III Toxic Chemicals
- TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- TXHWL = TX Hazardous waste List

CSWHS = Clean water Act Hazardous substances



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**OTHER INFORMATION**

**Author:** James Austin Company

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**Revision Note:** MSDS converted to GHS SDS format

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