



Crystal Orange Blossom Dish Detergent

SDS Number: 27

Revision Date: 5/30/2015

Page 1 of 6

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

James Austin Company
115 Downieville Road
PO Box 827
Mars, PA 16046

Phone: 724-625-1535
Fax: 724-625-3288
Web: www.jamesaustin.com

Product Name: Crystal Orange Blossom Dish Detergent
Revision Date: 5/30/2015
Version: 1
SDS Number: 27
Product Code: 54200-20107
Synonyms: Dishwashing detergent, Dish soap
Internal ID: 90201075

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

Ingredients:

Table with 3 columns: Cas #, Percentage, Chemical Name. Row 1: 68585-34-2 | 1.00-5.00% | Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts



Crystal Orange Blossom Dish Detergent

SDS Number: 27

Revision Date: 5/30/2015

Page 2 of 6

| | | |
|------------|--------------|---|
| 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 | 0.10-1.00% | Amides, coco, N,N-bis(hydroxyethyl) |
| 68439-57-6 | 0.10-1.00% | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts |
| 1643-20-5 | 0.10-1.00% | 1-Dodecanamine, N,N-dimethyl-, N-oxide |
| 1310-73-2 | 0.10-0.20% | Sodium hydroxide |
| 3380-34-5 | 0.10% | Phenol, 5-chloro-2-(2,4-dichlorophenoxy)- |
| 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 | 81.40-96.40% | Water |

4 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.

5 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.

7 HANDLING AND STORAGE

Handling Precautions: No special handling precautions.
Storage Requirements: Store upright with a tightly closed cap.
Keep from freezing.



Crystal Orange Blossom Dish Detergent

SDS Number: 27

Revision Date: 5/30/2015

Page 3 of 6

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Personal Protective Equip: Not necessary.

9

PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|---------------|--------------------|----------------------------|
| Appearance: | Clear, orange | Odor: | Orange citrus, fruit aroma |
| Physical State: | Liquid | Solubility: | Completely soluble |
| Spec Grav./Density: | 1.010 - 1.020 | | |
| Viscosity: | 300 cP | | |
| pH: | 7.80 - 8.20 | | |

10

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.

11

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.



Crystal Orange Blossom Dish Detergent

SDS Number: 27

Revision Date: 5/30/2015

Page 4 of 6

12 ECOLOGICAL INFORMATION

Considered biodegradable

BOD/COD Value is not established

Ecotoxicity: Not established

13 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.

14 TRANSPORT INFORMATION

DOT: Not regulated. Classified as non-hazardous.



Crystal Orange Blossom Dish Detergent

SDS Number: 27

Revision Date: 5/30/2015

Page 5 of 6

15

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 0.10-1.00%) TSCA
- *Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439576 0.10-1.00%) 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
- *Phenol, 5-chloro-2-(2,4-dichlorophenoxy)- (3380345 0.10%) TSCA
- *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 81.40-96.40%) 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



Crystal Orange Blossom Dish Detergent

SDS Number: 27

Revision Date: 5/30/2015

Page 6 of 6

CSWHS = Clean water Act Hazardous substances

16

OTHER INFORMATION

Author: James Austin Company

Publication Date: 12/22/2014

Revision Note: MSDS converted to GHS SDS format

Disclaimer: James Austin Company provides this information without warranty. The information is believed to be accurate, but James Austin Company makes no representations as to its accuracy. The information should be used to make an independent determination and therefore, users are responsible to verify this data under their own operating conditions and methods. This information relates only to the product designated herein, and does not relate to its use in combination with other materials or processes.