

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **YELLOW DISHBRIGHT**

Printing Date: 08/26/2015

Product Use: Manual dishwash.

Company Identification:

US Headquarters

ORCHEM CORPORATION

4927 Beech Street

Cincinnati, Ohio 45212

General Information

Health/Transportation Emergency-Chem-Tel

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## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Acute toxicity, oral (Category 4), H302

Skin corrosion (Category 2), H315

Serious eye damage (Category 1), H318

Acute aquatic toxicity (Category 2), H401

Chronic aquatic toxicity (Category 3), H412

PICTOGRAM:



SIGNAL WORD: DANGER

### HAZARD STATEMENTS – LABEL ELEMENTS

#### Health Hazard Statement(s)

H302

Harmful if swallowed.

H315

Causes skin irritation.

H318

Causes serious eye damage.

H401

Toxic to aquatic life.

H412

Harmful to aquatic life with long lasting effects.

#### Physical Hazards Statement(s)

None.

#### Precautionary Statement(s) – Prevention

P260

Do not breathe dust, fume, gas, mist, vapors, and spray.

P264

Wash skin and contaminated clothing thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P273

Avoid release to the environment.

P280

Wear protective gloves, eye protection, face protection.

#### Precautionary Statement(s) – Response

P301 + P330 + P331 + P310

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

P303 + P361 + P353 + P363

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

P304 + P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

**Precautionary Statement(s) – Storage**

P405 Store locked up.

**Precautionary Statement(s) – Disposal**

P501 Dispose of contents/container in accordance with applicable local, regional, national, and/or international regulations.

**Hazards Not Otherwise Classified (HNOC)**

None.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS#	WEIGHT %
sodium dodecylbenzene sulfonate	25155-30-0	10-15
cocoamide DEA	68603-42-9	1-5
lauramine oxide	1643-20-5	1-5
sodium decyl alkoxy sulfate	65423-85-0	1-5

< 5% of mixture consists of ingredients of unknown toxicity. Exact percentages are withheld as trade secrets.

### 4. FIRST AID MEASURES

**EYE CONTACT:** Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. After 15 minutes check for and remove any contact lenses. Continue to rinse for at least 15 minutes.

**SKIN CONTACT:** Get medical attention immediately. Wash with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Destroy contaminated shoes.

**INHALATION:** Get medical attention immediately. Remove from exposure and move to fresh air immediately and keep in position comfortable for breathing. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**INGESTION:** Get medical attention immediately. Do NOT induce vomiting. If victim is conscious and alert, wash out mouth with water then give water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously keep airway clear.

**NOTES TO PHYSICIAN:** Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

**GENERAL INFORMATION:** Product does not support combustion. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (Approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion involved in a fire. Use water spray to keep fire exposed container cool.

**EXTINGUISHING MEDIA:** Use media suitable to the cause of the surrounding fire. Do NOT use straight streams of water.

## 6. ACCIDENTAL RELEASE MEASURES

**In Case of Spill or Other Release:** Remove sources of ignition. Ventilate area. Use appropriate personal protective equipment as indicated in Section 8 of the SDS when risk assessment indicated this is necessary. Use non-sparking tools and equipment. Dike to prevent spread. Absorb with inert material. Sweep or shovel spilled materials in suitable containers. Dispose of in accordance with all local, state, and federal requirements. Do not allow product or residue to enter waterway or any source of drinking water.

## 7. HANDLING AND STORAGE

**Handling:** Use appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation.

**Storage:** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Protect from freezing.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower (ANSI Z358.1). Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

COMPONENT	CAS#	ACGIH TLV	OSHA PEL	NIOSH
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### PERSONAL PROTECTIVE EQUIPMENT

**Eyes:** Wear chemical splash goggles that meet the requirements of 29 CFR 1910.133 or European Standard EN 166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure (29 CFR 1910.138 or EN374).

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

**General Hygiene Considerations:** Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear
Color:	Yellow
Odor:	Perfume
Boiling Point/Range:	No Data
Freezing Point/Range:	No Data
Flash Point:	None to 100°C (COC)
Phosphorous Content as %P:	None
Vapor Pressure:	No Data
Vapor Density (air=1):	No Data
V.O.C.:	No Data
Specific Gravity (water=1):	~ 1.04
Water Solubility:	100%
pH:	~ 6-8 @ 100%
Volatility:	No Data
Evaporation Rate:	No Data

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## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable.

**Incompatibility with Various Substances:** Reactive or incompatible with the following materials: oxidizing materials.

**Hazardous Polymerization:** Under normal conditions of storage and use, hazardous polymerization will not occur.

**Hazardous Decomposition Products:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide, NO<sub>x</sub>, ammonia.

## 11. TOXICOLOGICAL INFORMATION

**TOXICITY:** No Data Available For Product.

**CARCINOGENICITY:**

Product/Ingredient Name	ACGIH	IARC	NTP
cocoamide DEA	---	2B	---

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL INFORMATION:** No Data Available For Product.

## 13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classifications are listed in 40 CFR 261.3.

Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. Since emptied containers or liners may retain product residue, follow label warnings even after container is emptied. Do not allow this material to drain into sewer/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

## 14. TRANSPORTATION INFORMATION

**U.S. DOT Bill of Lading Description:** Not DOT Regulated.

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

### U.S. REGULATIONS

**CALIFORNIA PROPOSITION 65:** This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm (dichloroacetic acid, formaldehyde, ethylene oxide, cocoamide DEA).

### STATE RIGHT TO KNOW (RTK)

INGREDIENT(S)	CAS#	MA	NJ	PA	MN
sodium dodecylbenzene sulfonate	25155-30-0	X	X	X	---

### CERCLA/SARA 302/304

INGREDIENT(S)	CAS#	WEIGHT %	CERCLA/SARA RQ(LBS)	SECTION 302TPQ (LBS)
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YELLOW DISHBRIGHT

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**SARA 311/312 Hazard categories**

**Immediate:** X  
**Delayed:** ---  
**Fire:** ---  
**Reactivity:** ---  
**Sudden Release of Pressure:** ---

**SARA 313:**

None.

**Clean Air Act:**

Not regulated.

**Clean Water Act:**

Not regulated.

**16. OTHER INFORMATION**

Hazardous Material Information System (U.S.A.)	Health: 2	Flammability: 0	Physical Hazard: 0
National Fire Protection Association (U.S.A.)	Health: 2	Flammability: 0	Instability: 0

**HMIS and NFPA use a numbering scale ranging from 0-4 to indicate the degree of hazard. A value of 0 means that the substance possesses essentially no hazard; a rating of 4 indicates high hazard.**

**Date of Creation: 05/25/2000**

**Issue Number: 2.0**

**Date of Revision: 05/27/2015**

**Prepared by:** Compliance Group

The information contained in this Safety Data Sheet is intended to comply with the requirements of 29 CFR 1910.1200. This information is believed to be accurate and based on data available to ORCHEM CORPORATION at this time. It is intended to be used as a guide to the safe handling and use by properly trained individuals. It is the end users responsibility to determine the suitability of the information for their particular purposes. This information is provided without warranty.