

# Material Safety Data Sheet



Zep Inc.  
1310 Seaboard Industrial Blvd.  
Atlanta, GA 30318  
1-877-793-7776

## Section 1. Chemical Product and Company Identification

**Product name** POT & PAN DETERGENT  
**Product use** Liquid Dishwashing Detergent  
**Product code** R116  
**Date of issue** 05/11/09 **Supersedes**

### Emergency Telephone Numbers

**For MSDS Information:**  
Compliance Services 1-877-793-7776

**For Medical Emergency**  
(877) 541-2016 Toll Free - All Calls Recorded

**For Transportation Emergency**  
CHEMTREC: (800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

**Prepared By**  
Compliance Services  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

## Section 2. Hazards Identification

### Emergency overview

CAUTION !

MAY CAUSE EYE IRRITATION.

\*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

### Acute Effects

#### Routes of Entry

Eye contact.

**Eyes** May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

**Skin** No known acute effects of this product resulting from skin contact. Prolonged or repeated contact may dry skin and cause irritation.

**Inhalation** No known acute effects of this product resulting from inhalation.

**Ingestion** No data on acute toxicity of the product when ingested. May irritate digestive tract.

### Chronic effects

There is no known chronic effect after exposure to this product.

Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

POTASSIUM DODECYLBENZENE SULFONATE; linear alkyl aryl sulfonate 27177-77-1 1 - 10

## Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact** Rinse with plenty of running water. If irritation persists, get medical attention.

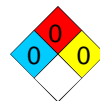
**Inhalation** Inhalation not likely under normal use conditions.

**Ingestion** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)

**Flash Point** Not applicable  
**Flammable Limits** Not applicable  
**Flammability** Non-combustible.  
**Fire hazard** Not applicable.  
**Fire-Fighting Procedures** Not applicable.



**Section 6. Accidental Release Measures**

**Spill Clean up** Hazard of slipping on spilled product. Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes. Do not ingest. Wash thoroughly after handling.

**Storage** Keep container tightly closed. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection****Product name****Exposure limits**

No exposure limit value known.

**Personal Protective Equipment (PPE)**

**Eyes** Recommended: Safety glasses.



**Body** For prolonged or repeated handling, use gloves. Nitrile gloves.  
Rubber gloves.

**Respiratory** No special measures required.

**Section 9. Physical and Chemical Properties**

**Physical State** Slightly Viscous liquid.

**Color** Clear. Green.

**pH** 8.0 - 9.0

**Odor** Pleasant.

**Boiling Point** 104.44°C (220°F)

**Vapor Pressure** Not determined.

**Specific Gravity** 1.03 (Water = 1)

**Vapor Density** Not determined.

**Solubility** Easily soluble in the following materials: cold water and hot water.

**Evaporation Rate** 1 compared with Water

**VOC (Consumer)** 0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Incompatibility** Slightly reactive or incompatible with the following materials: oxidizing materials and acids.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** None identified.

**Section 11. Toxicological Information****Acute Toxicity**

Not available.

**Section 12. Ecological Information**

**Environmental Effects** No known significant effects or critical hazards.

**Aquatic Ecotoxicity**

Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Non-hazardous waste

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	Not regulated.	None.	-	-	
<b>IMDG Class</b>	Not available.	Not available.	Not available.	-	

**NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.**

PG\* : Packing group

### Section 15. Regulatory Information

#### U.S. Federal Regulations

SARA 313 toxic chemical notification and release reporting:

No products were found.

**Clean Water Act (CWA) 307:** No products were found.

**Clean Water Act (CWA) 311:** No products were found.

**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

#### State Regulations

**California Prop 65** No products were found.

### Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.