

Safety Data Sheet



Zep, Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP 30
Product use Disinfectant. Cleaner. Deodorizer
Product code 0003
Date of issue 06/08/11 **Supersedes** 03/10/08

This product is a registered pesticide. EPA ID No. 33176-6-1270

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

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
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Atlanta, GA 30318

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Section 2. Hazards Identification

Emergency overview

CAUTION !

HARMFUL IF SWALLOWED. MAY BE HARMFUL IF ABSORBED
THROUGH SKIN.

CONTENTS UNDER PRESSURE.

**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.**



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

Acute Effects

Routes of Entry

Dermal contact. Eye contact.

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

Skin Harmful if absorbed through the skin. May cause skin irritation. Skin inflammation is
characterized by itching, scaling, or reddening.

Inhalation Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory
irritation.

Ingestion Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Overexposure of this product by inhalation or absorption can produce central nervous system
depression resulting in headache, nausea and/or dizziness. Prolonged or repeated contact may dry
skin and cause irritation. Contains material which may cause damage to the following organs:
blood, kidneys, liver, upper respiratory tract, skin, eyes, central nervous system (CNS).

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

| Name of Hazardous Ingredients | CAS number | % by Weight |
|--|-------------------|-------------|
| ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve | 111-76-2 | 1 - 10 |
| HYDROCARBON PROPELLANT; blend of propane & n-butane | 74-98-6; 106-97-8 | 1 - 5 |
| O-PHENYL PHENOL; 2-hydroxy biphenyl; 2-biphenyol | 90-43-7 | 0.10 |
| ORTHO-BENZYL-PARA-CHLOROPHENOL; o-benzyl-p-chlorophenol | 120-32-1 | 0.08 |

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Flush affected skin with plenty of water. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

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



Flash Point Not available.

Flammable Limits Not available.

Flammability Non-flammable. (CSMA)

Fire hazard CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling. Apply this product only as specified on the label.

Storage CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Keep away from heat, sparks and flame. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal ProtectionProduct name

ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve

Exposure limitsNIOSH REL (United States, 6/2009). Absorbed through skin.
TWA: 5 ppm 10 hour(s).TWA: 24 mg/m³ 10 hour(s).

ACGIH TLV (United States, 1/2009).

TWA: 20 ppm 8 hour(s).

OSHA PEL (United States, 11/2006). Absorbed through skin.

TWA: 50 ppm 8 hour(s).

TWA: 240 mg/m³ 8 hour(s).

OSHA PEL 1989 (United States, 3/1989). Absorbed through skin.

TWA: 25 ppm 8 hour(s).

TWA: 120 mg/m³ 8 hour(s).

HYDROCARBON PROPELLANT; blend of propane & n-butane

ACGIH TLV / OSHA PEL (United States). Notes: Propane
TWA: 1000 ppm 8 hour(s).Personal Protective Equipment (PPE)**Eyes** Safety glasses.**Body** Recommended: Neoprene gloves. Rubber gloves. Nitrile gloves.**Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.**Section 9. Physical and Chemical Properties****Physical State** Liquid. [Aerosol. Foam.]**Color** White.**pH** 12.5-13.0**Odor** Pleasant. Light**Boiling Point** Not determined.**Vapor Pressure** Not determined.**Specific Gravity** 1**Vapor Density** Not determined.**Solubility****Evaporation Rate** Not determined.

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

VOC (Consumer) 4.2%

Section 10. Stability and Reactivity

| | |
|---|--|
| Stability and Reactivity | The product is stable. |
| Incompatibility | Keep away from heat, sparks and flame. Reactive or incompatible with the following materials: oxidizing materials. |
| Hazardous Polymerization | Will not occur. |
| Hazardous Decomposition Products | carbon oxides (CO, CO ₂) |

Section 11. Toxicological Information**Acute Toxicity**

| Product/ingredient name | Result | Species | Dose | Exposure |
|---------------------------------|-----------------------|------------|-------------|----------|
| ethylene glycol monobutyl ether | LC50 Inhalation Gas. | Rat | 450 ppm | 4 hours |
| | LC50 Inhalation Vapor | Guinea pig | >633 ppm | 1 hours |
| | LD50 Dermal | Guinea pig | >2000 mg/kg | - |
| | LD50 Dermal | Rabbit | 220 mg/kg | - |
| | LD50 Oral | Guinea pig | 1200 mg/kg | - |
| | LD50 Oral | Rat | 250 mg/kg | - |
| o-Phenyl Phenol | LD50 Oral | Mouse | 1050 mg/kg | - |
| | LD50 Oral | Rat | 2000 mg/kg | - |
| o-Benzyl-p-chlorophenol | LD50 Oral | Rat | 260 mg/kg | - |

Section 12. Ecological Information

| | |
|------------------------------|----------------|
| Environmental Effects | Not available. |
|------------------------------|----------------|

Aquatic Ecotoxicity

| Product/ingredient name | Test | Result | Species | Exposure |
|---------------------------------|------|--------------------------------------|--|----------|
| ethylene glycol monobutyl ether | - | Acute EC50 >1000 mg/L Fresh water | Daphnia - Water flea - | 48 hours |
| | - | Acute LC50 >1000 mg/L Marine water | Daphnia magna - <24 hours | |
| | - | Acute LC50 1490000 ug/L Fresh water | Crustaceans - Amphipod - Chaetogammarus marinus - Young - 5 mm | 48 hours |
| | - | Acute LC50 1250000 ug/L Marine water | Fish - Bluegill - Lepomis macrochirus - 33 to 75 mm | 96 hours |
| | - | Acute LC50 800000 ug/L Marine water | Fish - Inland silverside - Menidia beryllina - 40 to 100 mm | 96 hours |
| | - | Chronic NOEC 1000 mg/L Fresh water | Crustaceans - Common shrimp, sand shrimp - Crangon crangon | 48 hours |
| | | | Daphnia - Water flea - | 48 hours |
| | | | Daphnia magna - <24 hours | |

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 |
|------------------------|-----------------|----------------------|---------|-----|-------|
| DOT Classification | Not regulated. | Consumer commodity | ORM-D | | |
| IMDG Class | Not determined. | | | | |

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:

Product name

ethylene glycol monobutyl ether
o-Phenyl Phenol

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.

United States inventory (TSCA 8b): Not determined.

State Regulations**California Prop 65**

WARNING: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: o-
Phenyl Phenol

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.*