

# Safety Data Sheet



Superior Solutions

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 METER MIST - SMOKE SCREEN  
**Product use** Aerosol Room Deodorizer/Odor Counteractant  
**Product code** 3450  
**Date of issue** 11/09/12 **Supersedes** 10/03/12

## 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

Compliance Services  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

## Section 2. Hazards Identification

### Emergency overview

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

WARNING!

CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.



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.

### Acute Effects

### Routes of Entry

Eye contact. Inhalation.

#### Eyes

Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.

#### Skin

May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

#### Inhalation

Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.

#### Ingestion

May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

### Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

### Carcinogenicity

No known significant effects or critical hazards.

### Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

acetone

A4

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Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

### Name of Hazardous Ingredients

### CAS number

### % by Weight

acetone

67-64-1

60 - 100

propane

74-98-6

10 - 30

## 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

Rinse with plenty of running water. Get medical attention if irritation develops.

### Inhalation

Move exposed person to fresh air. If irritation persists, 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. If affected person is conscious, give plenty of water to drink. 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.)



<b>Flash Point</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Non-flammable. (CSMA Method)
<b>Fire hazard</b>	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

**Section 6. Accidental Release Measures**

**Spill Clean up** Large spills are unlikely due to packaging.

**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
<b>Storage</b>	CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

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

acetone

**Exposure limits****ACGIH TLV (United States, 2/2010).**

TWA: 500 ppm 8 hour(s).

TWA: 1188 mg/m<sup>3</sup> 8 hour(s).

STEL: 750 ppm 15 minute(s).

STEL: 1782 mg/m<sup>3</sup> 15 minute(s).**OSHA PEL 1989 (United States, 3/1989).**

TWA: 750 ppm 8 hour(s).

TWA: 1800 mg/m<sup>3</sup> 8 hour(s).

STEL: 1000 ppm 15 minute(s).

STEL: 2400 mg/m<sup>3</sup> 15 minute(s).**NIOSH REL (United States, 6/2009).**

TWA: 250 ppm 10 hour(s).

TWA: 590 mg/m<sup>3</sup> 10 hour(s).**OSHA PEL (United States, 6/2010).**

TWA: 1000 ppm 8 hour(s).

TWA: 2400 mg/m<sup>3</sup> 8 hour(s).

propane

**OSHA PEL 1989 (United States, 3/1989).**

TWA: 1000 ppm 8 hour(s).

TWA: 1800 mg/m<sup>3</sup> 8 hour(s).**NIOSH REL (United States, 6/2009).**

TWA: 1000 ppm 10 hour(s).

TWA: 1800 mg/m<sup>3</sup> 10 hour(s).**OSHA PEL (United States, 6/2010).**

TWA: 1000 ppm 8 hour(s).

TWA: 1800 mg/m<sup>3</sup> 8 hour(s).**ACGIH TLV (United States, 2/2010).**

TWA: 1000 ppm 8 hour(s).

**Personal Protective Equipment (PPE)**

**Eyes** Recommended: Safety glasses.

**Body** No special protective clothing is required.



**Respiratory** Avoid direct inhalation of spray. Use with adequate ventilation.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. [Aerosol.]	<b>Color</b>	Clear. Colorless.
<b>pH</b>	Not applicable	<b>Odor</b>	Floral. Fresh
<b>Boiling Point</b>	55.6°C (132.1°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	0.75	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Very slightly soluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	<1 (Water = 1)
		<b>VOC (Consumer)</b>	24.8 % (w/w) 1.55 lbs/gal (185.6 g/l)

**Section 10. Stability and Reactivity****Stability and Reactivity**

The product is stable.

**Incompatibility**

Keep away from heat, sparks and flame. Slightly reactive or incompatible with the following materials: oxidizing materials.

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>)**Section 11. Toxicological Information****Acute Toxicity****Product/ingredient name****Result****Species****Dose****Exposure**

acetone

LD50 Oral

Rat

5800 mg/kg

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**Section 12. Ecological Information****Environmental Effects** Not available.**Aquatic Ecotoxicity**

acetone	-	Acute EC50 5600000 to 10000000 ug/L Fresh water	Algae - Green algae - Selenastrum sp.	72 hours
	-	Acute EC50 20.565 mg/L Marine water	Algae - Green algae - Ulva pertusa	96 hours
	-	Acute LC50 6000000 ug/L Fresh water	Crustaceans - Scud - Gammarus pulex	48 hours
	-	Acute LC50 10000 ug/L Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	-	Acute LC50 >100000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) - 0.2 to 0.5 g	96 hours
	-	Chronic NOEC 0.1 ml/L Fresh water	Daphnia - Water flea - Daphnia magna - Neonate - 6 to 24 hours	21 days

**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>	None.	Consumer commodity or Limited quantity			
<b>IMDG Class</b>	UN1950	AEROSOLS, non-flammable	2.2		

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.

United States inventory (TSCA 8b): All components are listed or exempted.

**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.*