



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** Zep Commercial Toilet Care Tune Up  
**Product code** ZUTTU  
**Date of issue** 01/24/11 **Supersedes**

### Emergency Telephone Numbers

#### For MSDS Information:

Compliance Services 404-352-1680

#### 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

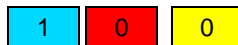
## Section 2. Hazards Identification

### Emergency overview

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

#### CAUTION

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.



**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

Dermal contact. Inhalation.

#### Eyes

May cause eye irritation. Dust may cause mechanical irritation to eye.

#### Skin

May cause allergic reactions in certain individuals. Direct contact may cause irritation and redness.

#### Inhalation

Avoid breathing dust. Dust may cause mechanical irritation. May cause irritation of respiratory tract, coughing, shortness of breath.

#### Ingestion

Ingestion may cause gastrointestinal irritation and diarrhea.

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

**Carcinogenicity** No known significant effects or critical hazards.

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

MAGNESIUM SULFATE, HEPTAHYDRATE; Epsomite; Bitter salts	10034-99-8	40 - 50
SODIUM SULFATE; Sulfuric Acid Disodium Salt	7757-82-6	40 - 50
CELLULASE; enzyme protein	9012-54-8	1 - 10

## Section 4. First Aid Measures

### Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

### Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

### Inhalation

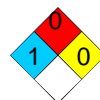
Move exposed person to fresh air. If irritation persists, get medical attention.

### Ingestion

Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. 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.)



<b>Flash Point</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Non-flammable.
<b>Fire hazard</b>	No specific fire or explosion hazard.
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire.

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container.
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**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling.
<b>Storage</b>	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. Keep container tightly closed and sealed until ready for use. Keep out of the reach of children.

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

<b>Product name</b>	<b>Exposure limits</b>
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No exposure limit value known.

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Recommended: Safety glasses.
<b>Body</b>	Recommended: Rubber gloves.
<b>Respiratory</b>	Avoid inhalation. No respiratory protection needed under normal use conditions.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Granular solid.	<b>Color</b>	Off-white. with Blue- Green specks
<b>pH</b>	5.5 - 6.5	<b>Odor</b>	Mild.
<b>Boiling Point</b>	Not applicable.	<b>Vapor Pressure</b>	Not applicable.
<b>Specific Gravity</b>	Not applicable.	<b>Vapor Density</b>	Not applicable.
<b>Solubility</b>	Very slightly soluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	Not applicable.
		<b>VOC (Consumer)</b>	Not applicable.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Not available.
<b>Hazardous Polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> etc.)

**Section 11. Toxicological Information****Acute Toxicity****Section 12. Ecological Information**

<b>Environmental Effects</b>	No known significant effects or critical hazards.
<b>Aquatic Ecotoxicity</b>	

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.	Not a DOT controlled material (United States).	-	-	
<b>TDG Classification</b>	Not available.	Not available.		-	
<b>IMDG Class</b>					

**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):** Not determined.

**State Regulations****California Prop 65**

No products were found.

**Canada****WHMIS (Canada)**

Not controlled under WHMIS (Canada).

**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.