



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.)



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

Section 6. Accidental Release Measures

Spill Clean up Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling.
Storage	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

Product name **Exposure limits**

No exposure limit value known.

Personal Protective Equipment (PPE)

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

Section 9. Physical and Chemical Properties

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

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information**Acute Toxicity****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
DOT Classification	Not regulated.	Not a DOT controlled material (United States).	-	-	
TDG Classification	Not available.	Not available.		-	
IMDG Class					

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.