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Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP POWDER KEG
Product use Powder Truck and Trailer Wash
Product code 0383
Date of issue 02/16/06 **Supersedes** 11/02/01

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

For Medical Emergency
INFOTRAC: (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

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Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
SODIUM METASILICATE; silicic acid (H ₂ -Si-O ₃) disodium salt; water glass	6834-92-0	10 - 20	Supplier Suggested (United States). CELL: 2 mg/m ³
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE; tetrasodium ethylenedinitrilo tetra-acetate; edta	64-02-8	10 - 20	Not established
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy	9016-45-9	<10	Not established

Section 3. Hazards Identification

Acute Effects

Routes of Entry Dermal contact. Eye contact. Inhalation.

Skin Causes skin irritation. Skin contact can produce inflammation and blistering. Skin contact may produce burns. Avoid prolonged or repeated contact with skin.

Eyes Causes eye burns. Eye contact can result in corneal damage or blindness.

Inhalation Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.

Ingestion Harmful if swallowed. May cause burns to mouth, throat and stomach.

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

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated skin exposure can produce local skin destruction or dermatitis. Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

See Toxicological Information (section 11)

HMIS

Health	2
Fire Hazard	0
Reactivity	0
Personal Protection	n, p

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

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. Get medical attention immediately.

Inhalation If inhaled, remove 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. 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

Flash Point Not applicable.

Flammable Limits Not applicable.

Flammability Not applicable.

Fire hazard May emit toxic fumes under fire conditions.

Fire-fighting procedures Not applicable.



Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see section 8). Use appropriate tools to transfer the spilled solid to a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reusing.
Storage Keep container tightly closed. Keep container dry. Store between the following temperatures: 40°F - 120°F. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Splash goggles.

Body Wear appropriate protective clothing to prevent skin contact. Wear suitable gloves. (Neoprene gloves. Nitrile gloves. Rubber gloves.)



Respiratory Avoid the inhalation of dust, particulates or spray mist arising from the application of this product.

Section 9. Physical and Chemical Properties

Physical State Moist, Powder.

Color White.

pH 12.2 - 12.6 (3% solution)

Odor Odorless.

Boiling Point Not available.

Vapor Pressure Not applicable

Specific Gravity Not available.

Vapor Density Not applicable

Solubility Partially soluble in the following materials: cold water, hot water.

Evaporation Rate Not applicable.

VOC (Consumer) Not applicable

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Reactive with acids.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂), phosphorous oxides

Section 11. Toxicological Information**Toxicity to Animals**

Sodium Metasilicate: ^[25,45,50,70

ORAL (LD50): □ Acute: 1153 mg/kg [Rat]. 770 mg/kg [Mouse].

Tetrasodium Salt; EDTA

LD50: Not available.

LC50: Not available.

Nonylphenoxy poly(Ethyleneoxy) Ethanol: ^[25,45,50,70

ORAL (LD50): □ Acute: 3310 mg/kg [Rat].

DERMAL (LD50): □ Acute: 2000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (None.)
 Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Not applicable.

DOT Classification Not a DOT controlled material (United States).

UN number Not regulated.

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.

TDG Classification Not available.

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

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.

WHMIS (Canada)

Class D-2B: Material causing other toxic effects (Toxic).

Class E: Corrosive solid.

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.