



**ZEP Manufacturing Company**  
 Acuity Specialty Products Group, Inc.  
 P.O. Box 2015  
 Atlanta, GA 30301  
 1-877-I-BUY-ZEP (428-9937)  
 www.zep.com

# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** TKO  
**Product Use** Abrasive Hand Cleaner  
**Product Code** 0960  
**Date of issue** 04/19/07 **Supersedes** 04/14/03

**Emergency Telephone Numbers** For MSDS Information:  
 Acuity Specialty Products Group, Inc.  
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency  
 INFOTRAC:  
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency  
 CHEMTREC:  
 (800) 424-9300 - All Calls Recorded  
 In the District of Columbia (202) 483-7616

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**Prepared by** Compliance Services Group  
 Acuity Specialty Products Group  
 1420 Seaboard Industrial Blvd.  
 Atlanta, GA 30318

## Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
OSHA's Hazard Communication Standard (29 CFR 1910.1200) does not require the listing of any ingredient for this product.			

## Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Not applicable.

**Skin** Non-irritating under recommended conditions of use.

**Eyes** Abrasiveness of material may irritate eyes. Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Inhalation not likely under normal use conditions.

**Ingestion** No data on acute toxicity of the product when ingested.

**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.

### HMIS

Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	N/A

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

**Chronic Effects** No known chronic effects from repeated exposures.

See Toxicological Information (section 11)

## Section 4. First Aid Measures

**Eye Contact** Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, get medical attention.

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

**Inhalation** Inhalation not likely under normal use conditions.

**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. If large quantities of this material are swallowed, call a physician immediately.

## Section 5. Fire Fighting Measures

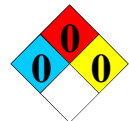
**Flash Point** Not applicable.

**Flammable Limits** Not applicable.

**Flammability** Non combustible.

**Fire Hazard** Not applicable.

**Fire-Fighting Procedures** Not applicable.



**Section 6. Accidental Release Measures**

**Spill Clean up** Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes.

**Storage** Keep container tightly closed. Do not store below 0°C (32°F).

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

**Eyes** No special protection is required.

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

**Respiratory** No special protection is required.

**Section 9. Physical and Chemical Properties**

**Physical State** Liquid. (Viscous)

**Color** Green.

**pH** 5.5-6.5

**Odor** Lemon like.

**Boiling Point** 100°C (212°F)

**Vapor Pressure** Not determined.

**Specific Gravity** 0.96 (Water = 1)

**Vapor Density** Not determined.

**Solubility** Soluble in cold water.

**Evaporation Rate** 1 compared to water

**VOC (Consumer)** 0%

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Incompatibility** None identified.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** Carbon Dioxide, Carbon Monoxide and other organic materials.

**Section 11. Toxicological Information**

**Toxicity to Animals** Not available.

**Section 12. Ecological Information**

**Ecotoxicity** Not available.

**Biodegradable/OECD** Not available.

**Section 13. Disposal Considerations**

**Waste** Waste must be disposed of in accordance with federal, **Waste Stream** Code: - (Not applicable.)

**Information** state and local environmental control regulations. 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.

**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: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Formaldehyde.

**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.*