

## MATERIAL SAFETY DATA SHEET

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### SECTION I - PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

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MANUFACTURER'S NAME: Kleen Tec  
1212 Sykes ST  
Albert Lea, MN 57007  
800-435-5336

**CHEMTREC 24 HOUR EMERGENCY NUMBER: 800-424-9300**

Emergency Use ONLY: (spill, leak, fire, exposure or accident)  
January, 2007

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PRODUCT NAME: KT 745

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### SECTION II - HAZARDOUS INGREDIENTS

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Component: Tetrapotassium Pyrophosphate	<15%	CAS# 7320-34-5 TLV 10mg/m <sup>3</sup>
Proprietary Surfactant Mixture	<10%	
Alkanolamine	<5%	CAS#102-71-6 TLV 3 mg/m <sup>3</sup>

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

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### SECTION III - PHYSICAL DATA

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BOILING POINT: N/A	MELTING POINT: N/A
SPECIFIC GRAVITY: 1.10	VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A	SOLUBILITY IN WATER: Missible
% VOLATILE BY VOLUME: N/A	EVAPORATION RATE: N/A
VISCOSITY: N/A	pH: 11.0
APPEARANCE: Clear, light yellow	ODOR: Light, Clean Smell

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### SECTION IV - FIRE PROTECTION

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FLASH POINT: N/A

FLAMMABLE LIMITS: LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Not a fire hazard.

SPECIAL FIRE FIGHTING PROCEDURES: None required.

UNUSUAL FIRE & EXPLOSION HAZARD: None known.

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**SECTION V - HEALTH INFORMATION  
FIRST AID AND NATURE OF HAZARD**

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**EYE CONTACT:** May cause eye irritation. If not promptly treated, extensive eye damage will occur. Immediately flush with large amounts of water for 15 minutes; consult a physician.

**SKIN CONTACT:** May be slightly irritating to the skin. Immediately flush with large amounts of water for 15 minutes. Wash contaminated clothing before reuse.

**INHALATION:** Inhalation of high concentrations of mists may produce respiratory tract irritation. Ulceration of respirator membranes may occur from prolonged irritation. If irritation occurs, remove to fresh air area and avoid further inhalation. Consult a physician.

**INGESTION:** Irritation of the mouth and gastrointestinal tract will occur immediately. Permanent damage will occur if medical attention is not obtained promptly. If swallowed, seek medical attention immediately.

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**SECTION VI - PROTECTIVE EQUIPMENT**

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**EYES:** Face shield or goggles when handling concentrated liquid.

**SKIN:** Rubber gloves.

**RESPIRATORY:** If excessive misting occurs, or if associated TLV is exceeded, provide NIOSH approved respiratory equipment with TC-21C-XXX cartridge combination.

**VENTILATION:** If misting occurs, provide local ventilation.

**OTHER CLOTHING & EQUIPMENT:** Rubber apron.

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**SECTION VII - REACTIVITY DATA**

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**CONDITIONS CONTRIBUTING TO INSTABILITY:** Stable under normal conditions.

**INCOMPATIBILITY:** Avoid contact with strong mineral acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None.

**CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION VIII - SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Sweep up spilled material. Flush residue into waste disposal system with large amounts of water. Neutralize large spill areas with dilute mineral acid before flushing into waste disposal system with water.

WASTE DISPOSAL METHOD: Non-biodegradable contaminants introduced into used emulsions must be removed prior to disposal. Acid-alum or alum-polymeric de-emulsifiers may be used. Consult with local, state and federal regulations.

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**SECTION IX - SPECIAL PRECAUTIONS**

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PRECAUTIONARY STATEMENTS: Wash contaminated clothing before reuse.  
Avoid contact with eyes.  
Avoid breathing mists.  
Do not take internally.

OTHER HANDLING & STORAGE REQUIREMENTS: Keep containers closed. Bring product to room temperature before use. Store in protected area.

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**SECTION X - REGULATORY CLASSIFICATION**

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U.S. DOT: Not Applicable

SARA 302 EXTREMELY Hazardous Substances List: No components of this product are listed.

SARA 313 Toxic Chemicals List: None

NFPA Ratings: Health: 1                      Flammability: 0                      Reactivity: 0

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DATE PREPARED: January, 2008

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The opinions expressed herein are those of qualified experts within Kleen Tec. We believe that the information contained herein is current as of the date of this material safety data sheet. Since the use of this information and of these opinions and the conditions of use of the product are not within the control of Kleen Tec, it is the user's obligation to determine the conditions of safe use of this product

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