



Keteca USA, Inc.  
**MATERIAL SAFETY DATA SHEET**

Product Name: Water Works™ Storm  
Product Code: KET-WWST

Effective Date: 2/04/2010  
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**Potential Health Effects:**

**Inhalation:** Inhalation of high concentrations of mists may produce respiratory tract irritation.

**Eye:** May cause moderate irritation.

**Skin:** May be slightly irritating to the skin.

**Ingestion:** Irritation of the mouth and gastrointestinal tract will occur.

**3. Composition Information**

Chemical Family: Industrial Cleaner

<u>Component:</u>	<u>CAS#:</u>	<u>Concentration:</u>
Tetrapotassium Pyrophosphate	7320-34-5	<15%
Proprietary Surfactant Mixture		<10%
Alkanolamine	102-71-6	<5%

The precise composition of this mixture is proprietary information.

**4. First-aid Measures**

**Eye:** Immediately flush with large amounts of water for 15 minutes; 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.

**Inhalation:** If irritation occurs, remove to fresh air area and avoid further inhalation. Consult a physician.

**Skin:** Immediately flush with large amounts of water for 15 minutes. Wash contaminated clothing before use.

**5. Fire / Explosion Hazard**

**Flammability Limits:** Lower: N/A Upper: N/A

**Flashpoint:** N/A

**Unusual Fire Hazards:** None known.

**Extinguishing Media:** Not a fire hazard.

**Special Fire Fighting Procedures:** None required.



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**6. Accidental Release Measures**

**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.

**7. Handling and Storage**

**Handling/Hygienic Data:** Avoid contact with eyes, skin and clothing. Use proper PPE (see section 8).

Avoid breathing mist or vapor.

Wash thoroughly after handling.

Eyewash stations and safety showers should be easily accessible to areas where product is used.

**Storage:** Store in doors in temperatures above freezing.

Keep containers closed when not in use.

Store away from incompatible materials. ( see section 10 )

**8. Exposure Controls / Personal Protection**

**Personal Protection:**

**Eyes:** Goggles and face shield when handling concentrated liquid.

**Respiratory:** If excessive misting occurs, or if associated TLV is exceeded, provide NIOSH approved respiratory equipment. Observe the OSHA respiratory regulation cited in 29 CRF 1910.134.

**Skin:** Rubber or neoprene gloves. Wear protective clothing as appropriate.

**Ventilation:** Use ventilations necessary to keep exposure to airborne contaminants below exposure limits.



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**9. Physical and Chemical Properties**

**Appearance:** ----- Clear, light yellow.

**Odor:** ----- Light Clean smell

**Percent Volatile:** ----- N/A

**pH:** ----- 10.5 – 12

**Solubility in water:** --- Miscible

**Specific Gravity:** ----- 1.10

**Vapor Density:** ----- N/A

**Vapor Pressure:** ----- N/A

**Melting Point:** -----N/A

**10. Stability and Reactivity**

**Conditions to Avoid:** None known

**Hazardous Decomposition and/or Polymerization:** None known

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

**Instability:** Stable under normal conditions.

**11. Toxicological Information**

**Eye Contact:** May cause eye irritation.

**Skin Contact:** May be slightly irritating to the skin.

**Inhalation:** Inhalation of high concentrations of mists may produce respiratory tract irritation.

Ulceration of respirator membranes may occur from prolonged irritation.

**Ingestion:** Irritation of the mouth and gastrointestinal tract will occur immediately.

**Chronic Effects:** Carcinogenicity - not listed as a carcinogen by NTP, OSHA, or ACGIH.

**12. Ecological Information**

The formulation has not been tested for environmental effects.

**13. Disposal Considerations**

**Waste Disposal:** Dispose used and unused material in accordance with federal, state and local regulations.



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**14. Transport Information**

DOT: Product is not regulated by DOT.

**15. Regulatory Information**

U.S. DOT: Not Applicable

SARA 302 Extremely Hazardous Substance List: No components of this product are listed.

SARA 313 Toxic Chemicals List: None

TSCA: All components of this product are listed on the Toxic Substances Control Act Inventory or are excluded from listing requirements.

**16. Other Information**

The information provided is accurate to the extent of our capabilities to ascertain. It is current and we advise the user to make his own evaluation and determinations as to whether circumstances of usage, application of product, and disposal are safe and meet governing agency requirements. Keteca USA INC makes no guarantees or warranties other than replacement or refund of unused material.