



MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

TRADE NAME: SUMMIT 20
CHEMICAL FAMILY: LAUNDRY BLEACH

Date Prepared: 3/26/03
Version: 6

Washing Systems, LLC. (WSI)
5579 Spellmire Dr.
Cincinnati, OH 45246
513-870-4830
EMERGENCY CONTACT: CHEMTREC (800-424-9300)

II. HAZARDOUS INGREDIENTS

The materials listed in this data sheet are classified as **HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>EXPOSURE LIMIT</u>
Trichloroisocyanuric Acid	CDB	0.5 mg/m ³ TWA 1.5 mg/m ³ STEL

III. PHYSICAL/CHEMICAL CHARACTERISTICS

<u>APPEARANCE & ODOR</u>	<u>VAPOR DENSITY (AIR=1)</u>	<u>BOILING POINT</u>	<u>SOLUBILITY IN WATER</u>
White Powder, Chlorine Odor	N/A	N/A	Soluble (>1%)
<u>SPECIFIC GRAVITY</u>	<u>EVAPORATION RATE (N-Butyl Acetate=1)</u>	<u>VAPOR PRESSURE (mmHg)</u>	<u>MELTING POINT</u>
1.04	N/A	N/A	N/A

IV. FIRE AND EXPLOSION DATA

<u>FLASHPOINT</u>	<u>FLAMMABLE LIMITS</u>		<u>AUTO IGNITION TEMP</u>
	<u>(lower limit)</u>	<u>(upper limit)</u>	
N/A	N/A	N/A	N/A

EXTINGUISHING AGENTS: Product is not combustible. Fire risk occurs when in contact with organic materials. For such a situation use large quantities of water.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Highly reactive oxidizing and chlorinating agent. Product will release toxic chlorine fumes at elevated temperatures.

V. REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>	<u>HAZARDOUS POLYMERIZATION</u>
Stable under normal conditions	Nitrogen Trichloride, Chlorine, and Cyanuric Acid.	Acid, Organics, Ammonia, Nitrogen Compounds	Will not occur.

VI. HEALTH HAZARD DATA

SKIN: ACUTE Causes skin burns with moisture present.
 CHRONIC None Known.

EYES: ACUTE Causes eye burns.
 CHRONIC None Known

INHALATION: ACUTE Causes severe irritation.
 CHRONIC None Known.

INGESTION: ACUTE May cause burns of the mouth, throat, esophagus, and stomach.
 CHRONIC None Known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None are known.

CARCINOGENICITY

OSHA: NO

IARC MONOGRAPHS: NO

NTP: NO

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Immediately flush area with plenty of cool water for at least 15 minutes while removing contaminated clothes and shoes. Call a physician.

EYES: Immediately flush thoroughly with cool water under low pressure for at least 15 minutes, holding lids apart and moving eye to ensure flushing of the entire surface. Call a physician.

INHALATION: Remove from contaminated atmosphere. If breathing stops, administer artificial respiration. Get medical attention immediately.

INGESTION: Never give anything by mouth to an unconscious person. **DO NOT INDUCE VOMITING.** Give large quantities of water. If vomiting occurs, keep airway clear. Call a physician immediately.

VII. SPILL OR LEAK PROCEDURES

Sweep up spilled material and dispose of in a manner approved by local, state, and federal regulations. Flush spill area with water. Contains no phosphates.

SPECIAL PRECAUTIONS

Store in a well-ventilated area away from acids and organics.

VIII. CONTROL MEASURES

<u>RESPIRATORY PROTECTION</u>	<u>EYE PROTECTION</u>	<u>PROTECTIVE GLOVES</u>	<u>OTHER PROTECTIVE EQUIPMENT</u>
None	Safety Goggles	Rubber	None
	<u>VENTILATION:</u> <u>Mechanical</u>	<u>Local</u>	<u>Special</u>
	Normal Air Dilution	None	None

N/A = Not Applicable

STEL = Short Term Exposure Limit

UNK = Unknown at This Time

SUMMIT 20