



MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

TRADE NAME: CHOICE
CHEMICAL FAMILY: LAUNDRY DETERGENT

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

Date Prepared: 3/26/03
Version: 10

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>
Silicic Acid, Disodium Salt	Sodium Metasilicate, Anhydrous	UNK
Calcium Silicate	Precipitated Silica	TLV: 10 mg/m ³ Total Dust 5 mg/m ³ Respirable
Alcohol, C ₁₂₋₁₆ , Ethoxylated	Nonionic Surfactant	UNK
Nonylphenoxy (polyethyleneoxy) ethanol	Nonionic Surfactant	UNK

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, Bland 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>
0.90	N/A	N/A	N/A

IV. FIRE AND EXPLOSION DATA

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

EXTINGUISHING AGENTS: Water, Dry Chemical, Foam, or Carbon Dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

V. REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>	<u>HAZARDOUS POLYMERIZATION</u>
Stable	None.	Strong Oxidizers, Acids	Will not occur.

VI. HEALTH HAZARD DATA

SKIN: ACUTE Dry product can be a skin irritant. May cause severe burns if not washed immediately.
 CHRONIC May result in multiple areas of superficial destruction of skin or primary irritant dermatitis.

EYES: ACUTE Dry product can cause tissue destruction if not treated immediately.
 CHRONIC Can cause permanent eye damage.

INHALATION: ACUTE Coughing, sneezing, or other symptoms of upper respiratory tract irritation may occur. Severe exposure may result in lung tissue damage.
 CHRONIC None known.

INGESTION: ACUTE Dry product burns mucous membranes 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 clothing 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. For throat irritation, drink two glasses of water and call a physician.

INGESTION: Never give anything by mouth to an unconscious person. **DO NOT INDUCE VOMITING.** If conscious, give large quantities of water. If vomiting occurs spontaneously, 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 phosphates.

SPECIAL PRECAUTIONS

Store in a dry, well-ventilated area away from oxidizers and acids.

VIII. CONTROL MEASURES

<u>RESPIRATORY PROTECTION</u>	<u>EYE PROTECTION</u>	<u>PROTECTIVE GLOVES</u>	<u>OTHER PROTECTIVE EQUIPMENT</u>
Dust Mask	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

TLV = Threshold Limit Value

UNK = Unknown at This Time

CHOICE