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<b>Product Name:</b> HOME & HEARTH CLEANER™	<b>Date:</b> 06/22/01
<b>MSDS Number:</b> HH-97	<b>CAS Number:</b> Mixture
<b>Prepared by:</b> Greg Herbert	

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

**Principal hazardous component(s) (chemical & common names)**      p.c.      **Threshold Limit Value (units)**  
Sodium Metasilicate\*

\*Percentage content of ingredients withheld as a trade secret pursuant to Massachusetts regulations\*

## SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

**Appearance and odor:** ----- Cloudy liquid with slight citrus odor  
**Boiling point:** ----- 212 Degrees F  
**Vapor pressure (mm Hg and temperature):**----- 15 mm Hg (104 degrees)  
**Vapor density (air = 1):** ----- NA  
**Evaporation rate:** ----- (Butyl Acetate = 1) NA  
**Solubility in water:** ----- Completely soluble  
**Water reactive:** ----- NA  
**Specific gravity:** ----- 1  
**% volatile by volume:**----- 0

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

**Flash point and method used:** ----- NA  
**Auto-ignition temperature:** -----  
**Flammability limits in air % by volume:** ----- Available oxygen: 13.5%  
**Extinguishing media:** ----- Water  
**Special fire fighting procedures:** ----- Wear self-contained breathing apparatus  
----- and full protective gear.  
**Unusual fire and explosion hazards:** ----- Oxygen evolution decomposition may burst  
sealed containers and accelerate the burning rates of other combustible materials. Damp material in contact  
with paper, wood, cloth, etc. May cause spontaneous combustion of the organic material.

## SECTION 4 - REACTIVITY HAZARD DATA

**Stability:** ----- Stable  
**Conditions to avoid:** ----- Stable in dry state.  
Avoid contamination by moisture or metal salts.  
**Incompatibility (materials to avoid):** ----- Strong acids  
**Hazardous decomposition products:** ----- NA  
**Hazardous polymerization:** ----- Will not occur.  
**Conditions to avoid:**----- NA

## SECTION 5 - HEALTH HAZARD DATA

**Primary routes of entry:**

  X   Inhalation      X   Skin Absorption    \_\_\_\_\_ Ingestion    \_\_\_\_\_ Not Hazardous

**Carcinogen listed in:**

\_\_\_\_\_ NTP    \_\_\_\_\_ IARC Monograph    \_\_\_\_\_ OSHA      X   Not Listed

**Signs and symptoms of exposure:** Mild skin irritation, severe eye irritant

**Acute overexposure:** Exposure to skin, eyes, or mucous membranes may cause irritation.

**Chronic overexposure:** None known to SaverSystems

**Medical conditions generally aggravated by exposure:** None known to SaverSystems

**Emergency and first aid procedures -** Seek medical assistance for further treatment, observation, and support.

**Eye contact:** Immediately flush with large amounts of water for at least 15 minutes - seek medical attention immediately.

**Skin contact:** Wash with soap and water. Brush off and remove contaminated clothing.

**Inhalation:** Leave contaminated area immediately. Breathe fresh air.

**Ingestion:** Drink large amounts of water to dilute. Seek medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**Respiratory protection (specify type):** Not generally required during normal use and handling.

**Protective gloves:** Rubber gloves

**Eye protection:** Wear adequate eye protection. Do not get product in eyes. See eye contact.

**Ventilation:**

**Local exhaust:**

**Mechanical (general):**

**Special:**

**Other (Specify):** Maintain adequate ventilation in work area.

**Other protective clothing and equipment:** Water source and safety/eye wash should be located close to location where material is stored.

**Hygienic work practices:**

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

**Steps to be taken if material is spilled or released:** Flush down drain with large amounts of water. Comply with federal, state, and local regulations on reporting spills.

**Waste disposal methods:** In an approved waste facility by an authorized contractor.

**Precautions to be taken in handling and storage:** See protective measures.

**Other precautions and/or special hazards:** None

<b>NFPA Rating:</b>	Health _____	Flammability _____	Reactivity _____	Special _____
<b>HMIS Rating:</b>	Health <u>  2  </u>	Flammability <u>  0  </u>	Reactivity <u>  0  </u>	Special <u>  C  </u>