

# MATERIAL SAFETY DATA SHEET

## SECTION 1. PRODUCT/MANUFACTURER'S IDENTITY

**PRODUCT NAME:** #44 HEAVY-DUTY RESTROOM CLEANER **PRODUCT I.D. NUMBER (PIN):** N.A.

**H.M.I.S.**

**PRODUCT NUMBER:** 02744SC

**WHMIS CLASS:** D2B

**PRODUCT USE:** Restroom cleaner

**DOT HAZARD CLASS:** Not Regulated.

**COMPANY:**

Essential Industries, Inc.  
P.O. Box 12  
Merton, WI 53056-0012

**DOT SHIPPING NAME:**  
N.A.

<b>2</b>	<b>HEALTH</b>	<b>HAZARD RATING</b>  4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
<b>0</b>	<b>FIRE</b>	
<b>0</b>	<b>REACTIVITY</b>	
<b>B</b>	<b>MAXIMUM PERSONAL PROTECTION</b>	

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

**EMERGENCY PHONE:** 800-843-6174

**ABBREVIATION KEY:** N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

## SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

<b>HAZARDOUS CHEMICAL IDENTITY</b>	<b>CAS NO.</b>	<b>%</b>	<b>PEL</b>	<b>TLV</b>	<b>LD50</b>	<b>LC50</b>
Water	7732-18-5	60-100	N.E.	N.E.	N.D.	N.D.
Acid replacement	N.A.	10-15	N.E.	N.E.	N.D.	N.D.
Surfactant blend	N.A.	1-5	N.E.	N.E.	N.D.	N.D.

This mixture does not contain any components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

## SECTION 3 - PHYSICAL DATA

<b>Color:</b> Red	<b>Boiling Point:</b> 100°C (212°F)	<b>Vapor Pressure:</b> <30 mm of Hg	<b>pH:</b> 0.5 - 1.5
<b>Odor:</b> Lime	<b>Freezing Point:</b> 0°C (32°F)	<b>Vapor Density (Air=1):</b> <1	<b>1% pH:</b> 1.8
<b>Physical State:</b> Liquid	<b>Water/Oil Distribution:</b> N.E.	<b>Evaporation Rate (Water=1):</b> N.E.	<b>Specific Gravity:</b> 1.02 gm/ml
<b>Solubility in Water:</b> Complete	<b>Odor Threshold:</b> N.E.	<b>VOC Content:</b> 0.0%	<b>Weight per Gallon:</b> 8.56 lbs./gal.

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method:</b> N.A.	<b>Autoignition Temperature:</b> N.A.	<b>Extinguishing Media:</b> Use dry chemical or CO2.
<b>Flammable Limits:</b> N.A.	<b>LEL:</b> N.A. <b>UEL:</b> N.A.	<b>Special Fire Fighting Procedures:</b> Use proper protective equipment.
<b>Hazardous Combustion Products:</b> N.A.		<b>Unusual Fire and Explosion Hazards:</b> None.

## SECTION 5 - REACTIVITY DATA

<b>Chemical Stability:</b> Stable.	<b>Hazardous decomposition of By-Products:</b> None known.
<b>Incompatibility (Materials to Avoid):</b> Strong alkalis and reactive metals.	<b>Hazardous Polymerization:</b> Will not occur.

## SECTION 6 - TOXICOLOGICAL PROPERTIES

<b>Routes of Entry:</b> Ingestion. Inhalation. Skin contact. Eye contact.	<b>Toxicologically Synergistic Products:</b> None known.
<b>Sensitization:</b> No.	<b>Medical Conditions Aggravated by Exposure:</b> None known.
<b>EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):</b>	
<b>Eyes:</b> May cause severe irritation, redness, burns and possible corneal injury.	<b>Carcinogenic Effects:</b> NO carcinogenic effect.
<b>Skin:</b> May cause irritation. Not corrosive to skin.	<b>Mutagenic Effects:</b> NO mutagenic effect.
<b>Ingestion:</b> May cause severe irritation of gastrointestinal tract, nausea and diarrhea.	<b>Teratogenic Effects:</b> NO teratogenic effect.
<b>Inhalation:</b> Prolonged exposure in poorly ventilated area may irritate nasal mucous membranes.	<b>Reproductive Toxicity:</b> NO reproductive toxicity effect.

## SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

<b>Respiratory Protection:</b> None normally required with adequate ventilation.	<b>Ventilation:</b> Local Exhaust: Acceptable Mechanical: Recommended
<b>Protective Gloves:</b> Rubber/Neoprene.	<b>Eye Protection:</b> Safety glasses.
<b>Protective Clothing and Equipment:</b> As needed to prevent wetting of skin.	<b>Work and Hygienic Practices:</b> After handling, always wash hands thoroughly with soap and water.
<b>Storage Requirements:</b> Store in cool, dry area. Follow good housekeeping practices.	<b>Other Requirements:</b> Keep out of reach of children.

**Steps to be Taken if Material is Spilled or Released:** Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

**Waste Disposal:** Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

## SECTION 8 - EMERGENCY FIRST AID PROCEDURES

### FIRST AID - NOTES TO PHYSICIAN:

**Eyes:** Flush with a large amount of water for 15 minutes holding eyelids open.

**Skin:** Wash with mild soap and water.

**Ingestion:** Rinse mouth with water. Give 2-3 large glasses of water. Do not induce vomiting. Seek medical attention.

**Inhalation:** Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.

**Note to Physician:** No additional information.

## SECTION 9 - PREPARATION INFORMATION

**Prepared By:** Regulatory Affairs Department

**Phone:** 262-538-1122

**Date of Preparation:** 1/22/2008.