

# MATERIAL SAFETY DATA SHEET

## SECTION 1. PRODUCT/MANUFACTURER'S IDENTITY

**PRODUCT NAME:** #52 PEROXIDE CONCENTRATE **PRODUCT I.D. NUMBER (PIN):** NA

**PRODUCT NUMBER:** 00519SC

**WHMIS CLASS:** D2B

**PRODUCT USE:** Multi-purpose cleaner.

**DOT HAZARD CLASS:** Not Regulated.

**COMPANY:**

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

**DOT SHIPPING NAME:**  
Not Regulated.

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

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

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

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

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

## SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	60-100	N.E.	N.E.	N.D.	N.D.
Hydrogen peroxide	7722-84-1	< 8.0	1 ppm	1 ppm	805 mg/kg	N.D.
Surfactant Blend	Proprietary	5-10	N.E.	N.E.	N.D.	N.D.

This mixture does not contain 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> Colorless.	<b>Boiling Point:</b> 100°C (212°F)	<b>Vapor Pressure:</b> < 30 mm Hg	<b>pH:</b> 1.8 - 2.8
<b>Odor:</b> Lemon.	<b>Freezing Point:</b> 0°C (32°F)	<b>Vapor Density (Air=1):</b> < 1	<b>1% pH:</b> 4.0
<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 %	<b>Weight per Gallon:</b> 8.54 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, CO <sub>2</sub> , water spray (fog) or foam.
<b>Flammable Limits:</b> N.A.	<b>LEL:</b> N.E. <b>UEL:</b> N.E.	<b>Special Fire Fighting Procedures:</b> Use proper protective equipment.
<b>Hazardous Combustion Products:</b> N.A.		<b>Unusual Fire and Explosion Hazards:</b> N.E.

## SECTION 5 - REACTIVITY DATA

<b>Chemical Stability:</b> Stable under recommended storage and handling conditions.	<b>Hazardous decomposition of By-Products:</b> None identified.
<b>Incompatibility (Materials to Avoid):</b> Organic materials	<b>Hazardous Polymerization:</b> Will not occur.

## SECTION 6 - TOXICOLOGICAL PROPERTIES

<b>Routes of Entry:</b> Dermal 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 eye irritation.	<b>Carcinogenic Effects:</b> No carcinogenic effect.
<b>Skin:</b> May cause irritation through prolonged or repeated contact.	<b>Mutagenic Effects:</b> No mutagenic effect.
<b>Ingestion:</b> May cause mild gastric irritation, abdominal spasms, nausea and faintness.	<b>Teratogenic Effects:</b> No teratogenic effect.
<b>Inhalation:</b> May cause respiratory tract irritation.	<b>Reproductive Toxicity:</b> Not considered to be toxic to the reproductive system.

## SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

<b>Respiratory Protection:</b> None normally required with adequate ventilation.	<b>Ventilation:</b> Local exhaust ventilation should be provided.
<b>Protective Gloves:</b> Chemical-resistant gloves.	<b>Eye Protection:</b> Chemical splash goggles.
<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> Keep container tightly closed. Keep container in a cool, well-ventilated area.	<b>Other Requirements:</b> Avoid contact with eyes, skin and clothing. Do not ingest. Wash thoroughly after handling.
<b>Steps to be Taken if Material is Spilled or Released:</b> Absorb with liquid-binding material (sand, diatomite, universal binders etc.) or use a spill kit. Place spilled material in an appropriate container for disposal. Do not allow to enter drains or watercourses.	
<b>Waste Disposal:</b> 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 plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

**Skin:** Wash contaminated skin with soap and water.

**Ingestion:** Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

**Inhalation:** Move exposed person to fresh air. If irritation persists, get medical attention.

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

## SECTION 9 - PREPARATION INFORMATION

**Prepared By:** Regulatory Affairs Department

**Phone:** 262-538-1122

**Date of Preparation:** 1/10/2008.