

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910, 1200, Standard must be
 consulted for specific requirements.

U.S. Department of Labor JUL 17 1991
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072 NJ/PA/US

IDENTITY (As Used on Label and List) Note: Blank spaces not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I		294
Manufacturer's Name ESSENTIAL INDUSTRIES, INC.	Emergency Telephone Number 800-843-6174	
Address (Number, Street, City, State, and ZIP Code) 28391 Essential Road	Telephone Number for information (414) 538-1122	
Merton, WI 53056	Date Prepared January, 1991	
	Signature of Preparer (optional)	

Section II - Hazardous Ingredients/Identity Information N.A. = Not Applicable N.E. = Not Established

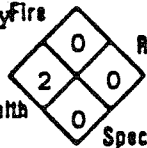
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Water	CAS #7732-18-5	N.E.	N.E.	N.A.
Phosphoric Acid	CAS #7664-38-2	1mg/m ³	1mg/m ³	N.A.
Amino Sulfonic Acid	CAS #5329-14-6	N.A.	N.A.	N.A.
Nonionic Surfactant	CAS # N/A	N.A.	N.A.	N.E.

This mixture contains 19% Phosphoric Acid CAS #7664-38-2 which is 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 III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	1.15
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.
Solubility in Water	pH 1.5		
Appearance and Odor	Clear Blue Liquid - Bland Odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Non-Flammable Aqueous Solution	Flammable Limits N.A.	LEL	N.A.	UEL	N.A.
Extinguishing Media Use media proper to the primary cause of fire					
Special Fire Fighting Procedures Product is acidic, therefore, container should be handled appropriately				 <p style="margin-left: 20px;">HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p>	
Unusual Fire and Explosion Hazards None					
DOT HAZARD CLASSIFICATION: Corrosive Liquid N.O.S.					

(Reproduce locally) Phosphoric Acid Solution UN 1805 OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid N.A.
	Stable	X	N.A.

Incompatibility (Materials to Avoid)

Strong alkalis, Reactive metals (mild steel, aluminum)

Hazardous Decomposition or Byproducts

None Known

Hazardous Polymerization	May Occur		Conditions to Avoid N.A.
	Will Not Occur	X	N.A.

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	N.A.	X

Health Hazards (Acute and Chronic)

EYES: May cause severe irritation, possible corneal injury**SKIN: May cause irritation, burning****INGESTION: May cause irritation, possible mucosal injury****INHALATION: May cause respiratory irritation**

Signs and Symptoms of Exposure

See Health Hazards

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N.A.	N.A.	N.A.

Medical Conditions

Generally Aggravated By Exposure **None Known**

Emergency and First Aid Procedures

EYES: Flush with large amounts of water for 15 minutes holding eyelids open.**SKIN: Wash with mild soap and warm water****INGESTION: Rinse mouth with water. Give several large glasses of water. Call a physician****INHALATION: Remove to fresh air and rest. In all cases, call a physician if symptoms persist.****Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

Neutralize with alkali, soda ash or lime before disposal or dilute with water and flush to sewer**if permitted by federal, state and local regulations.**

Waste Disposal Method

Dilute with water, flush to sewer if permitted by federal, state and local regulations.

Precautions to Be Taken in Handling and Storing

General good housekeeping practices to prevent spills.

Other Precautions

Keep out of the reach of children.**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None required with adequate room ventilation

Ventilation	Local Exhaust	N.A.	Special N.A.
	Mechanical (General)	Satisfactory	Other N.A.

Protective Gloves

Rubber or plastic

Other Protective Clothing or Equipment

As needed to prevent wetting of skin.

Work/Hygienic Practices

Wash thoroughly after use.

Eye Protection

Avoid splashing in eyes