



MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

TRADE NAME: Diveralk
CHEMICAL FAMILY: LIQUID LAUNDRY BUILDER

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

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Version: 1

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>
Sodium Hydroxide	Sodium Hydroxide, Liquid	2 mg/m ³ ACGIH TLV/Ceiling

III. PHYSICAL/CHEMICAL CHARACTERISTICS

<u>APPEARANCE & ODOR</u>	<u>VAPOR DENSITY (AIR=1)</u>	<u>BOILING POINT</u>	<u>SOLUBILITY IN WATER</u>
Colorless Liquid, no odor	UNK	> 212°F	Soluble (> 1%)
<u>SPECIFIC GRAVITY</u>	<u>EVAPORATION RATE (N-Butyl Acetate=1)</u>	<u>VAPOR PRESSURE (mmHg)</u>	<u>MELTING POINT</u>
1.35	UNK	13mm Hg @ 60°C	N/A

IV. FIRE AND EXPLOSION DATA

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

EXTINGUISHING AGENTS: Product is not combustible.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contact with water without proper mixing or dilution can cause violent exothermic reaction.

V. REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>	<u>HAZARDOUS POLYMERIZATION</u>
Stable	None	Aluminum, Tin, Zinc, and Acids	Will not occur.

VI. HEALTH HAZARD DATA

SKIN: ACUTE Contact produces severe burns and destroys tissue.
CHRONIC None Known.

EYES: ACUTE Causes severe burns that result in damage to the eyes and possibly blindness.
CHRONIC None Known

INHALATION: ACUTE Breathing mist or spray may cause damage to upper respiratory tract and lung tissue proper which could produce pneumonia.
CHRONIC None Known

INGESTION: ACUTE Causes severe burns to mucous membranes of the mouth, throat, esophagus, and stomach.
CHRONIC Can be fatal.

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 with plenty of cool water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician immediately.

EYES: Immediately flush with plenty of cool water under low pressure. Flush continuously for at least 15 minutes. Hold eyelids open and move eye while flushing. Seek medical attention immediately.

INHALATION: Remove to fresh air. Give artificial respiration if breathing stop. Seek medical attention.

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. Seek medical attention.

VII. SPILL OR LEAK PROCEDURES

Dike to contain spill and prevent entry into sewers, waterways, and low areas. Neutralize with dilute acid. Soak up pooled liquids with a suitable absorbent (e.g., clay, fullers earth, etc.). Sweep up absorbed material and dispose of in a manner approved by local, state, and federal regulations. Flush spill area with water. Contains no phosphates.

SPECIAL PRECAUTIONS

Store in a dry, well-ventilated area away from acids. Never add water to product. If product must be diluted, add product to water with good agitation wearing full protective gear.

VIII. CONTROL MEASURES

<u>RESPIRATORY PROTECTION</u>	<u>EYE PROTECTION</u>	<u>PROTECTIVE GLOVES</u>	<u>OTHER PROTECTIVE EQUIPMENT</u>
None	Safety Goggles plus Full Face Shield	Rubber	Impervious protective clothing and chemically resistant safety shoes
	<u>VENTILATION:</u> <u>Mechanical</u>	<u>Local</u>	<u>Special</u>
	Normal Air Dilution	None	None

ACGIH = American Conference of Governmental Industrial Hygienists

N/A = Not Applicable

NOS = Not Otherwise Specified

UNK = Unknown at This Time

TLV = Threshold Limit Value

DIVERALK