



# MATERIAL SAFETY DATA SHEET

## I. PRODUCT AND COMPANY INFORMATION

**TRADE NAME:** RealBlend  
**CHEMICAL FAMILY:** Liquid Laundry Detergent

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

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## 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 <sup>3</sup> ACGIH TLV/Ceiling

## III. PHYSICAL/CHEMICAL CHARACTERISTICS

<u>APPEARANCE &amp; ODOR</u>	<u>VAPOR DENSITY (AIR=1)</u>	<u>BOILING POINT</u>	<u>SOLUBILITY IN WATER</u>
Opaque White Liquid, no odor	UNK	ND	Soluble (> 1%)
<u>SPECIFIC GRAVITY</u>	<u>EVAPORATION RATE (N-Butyl Acetate=1)</u>	<u>VAPOR PRESSURE (mmHg)</u>	<u>MELTING POINT</u>
1.26	UNK	UNK	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: Corrosive Material.

## V. REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>	<u>HAZARDOUS POLYMERIZATION</u>
Stable	None	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

ND = Not Determined

NOS = Not Otherwise Specified

UNK = Unknown at This Time

TLV = Threshold Limit Value

### REALBLEND