

# MATERIAL SAFETY DATA SHEET



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Estherville, Iowa 51334  
PH: (712) 362-7737

**PRODUCT NAME: RINSE AID**

**MSDS NO: 57300.03**

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<b>FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887</b>	<b>FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716</b>	<b>HEALTH HAZARD: (0 None &gt; 4 Extreme) Health =2 Flammability =0 Reactivity =0</b>
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## SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: December 1, 2008

SUPERSEDES: September 05, 2000

PREPARED BY: Dean F. Fernholz

D.O.T. SHIPPING CLASS: Class 55, Non-Hazardous Cleaning Compound.

## SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS. NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	Per-Cent
Ethoxylated Alcohol	Trade Secret	NE	NE	NE	10-30%

## SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: > 212 °F

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.02

VAPOR PRESSURE mm/hg: 23 @ 70 °F

VAPOR DENSITY (Air=1): 1

REACTIVITY IN WATER: None

pH 5% SOLUTION = 7-9

MELTING POINT: 32 °F

APPEARANCE AND ODOR: Clear liquid, no appreciable odor.

## SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: 430 °F

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: COC

LEL LOWER: NA

UEL UPPER: NA

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHER MEDIA: Water, Dry Chemical, Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

## SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION: Will NOT occur

CONDITIONS TO AVOID: NA

## SECTION 6 – HEALTH HAZARDS

**ACUTE:** Eye and skin irritation

**CHRONIC:** None Known

**SIGNS & SYMPTOMS OF EXPOSURE:** Eye irritation – Skin irritation

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** NA

**CARCINOGEN OR POTENTIAL CARCINOGENS:** OSHA: None NTP: None IARC: None ACGIH: None

### EMERGENCY FIRST AID:

**EYES:** Immediately flush with water for 15 minutes. GET MEDICAL ATTENTION IMMEDIATELY!

**SKIN:** Wash thoroughly with water. Get medical attention if irritation persists.

**INHALATION:** NA

**INGESTION:** Induce vomiting, call a physician immediately.

### ROUTES OF ENTRY:

**INHALATION:** NA

**EYES:** Eye irritation

**SKIN:** Skin irritation and/or dryness

**INGESTION:** Stomach irritation, nausea LD50 Rat 2410 mg/kg

## SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

**HANDLING & STORAGE:** Store in a cool dry area. DO NOT FREEZE. Keep closed when not in use.

**OTHER PRECAUTIONS:** Normal good housekeeping practices.

**IN CASE OF SPILL:** Dike and contain spill with inert material and transfer liquid/solid diking material to container for recovery.  
Flush area with soap or water.

**WASTE DISPOSAL:** Dispose of in accordance with all Federal, State and Local pollution control regulations.

## SECTION 8 – SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** NA

**VENTILATION:** Use with adequate ventilation.

**PROTECTIVE GLOVES:** Rubber or plastic

**EYE PROTECTION:** Safety Glasses or Goggles

**OTHER:** Waterproof suit and boots may be worn

**HYGIENIC PRACTICES:** Wash thoroughly after handling.

## SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

	CHEMICAL NAME:	C.A.S. NO.
1.	Water	7732-18-5
2.	Ethoxylated Alcohol	Trade Secret
3.	Sodium Xylene Sulfonate	1300-72-7

This product contains the following chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm:

Benzyl Chloride CAS 100-44-7 <0.0100%, Ethylene Oxide CAS 75-21-8, <0.0001 %

NA = Not Applicable      NE = None Established

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information herein is furnished without warranty of any kind.