

**MATERIAL SAFETY DATA SHEET**  
**M.S.D.S.**

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**I: PRODUCT IDENTIFICATION INFORMATION**

**TRADENAME (as labeled):** EARTHSAFE LAUNDRY STAIN REMOVER  
& PRE-SPAY (Concentrated)

**Chemical Name:**

**Chemical Family:**

**Formula:** AQUEOUS SOLUTION

**Synonyms:**

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**EMERGENCY CONTACT:** CHEMTREC 1-800-424-9300

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**MANUFACTURER'S NAME:** NACCO/ NATIONAL RESEARCH & CHEMICAL  
444 EAST GARDENA BLVD.  
GARDENA, CA. 90248  
PHONE: (310) 352-6999  
FAX: (310) 527-9963

**DATE PREPARED/REVISED:** January 2003

**Department of Transportation: (SHIPPING INFORMATION)**

**Hazardous Classification:** None

**Shipping Name:** Chemical N.O.S.

**Dot Class:** 55

**Packing Group:**

**UN/NA Number:**

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**II: PHYSICAL PROPERTIES**

**Physical State:**

**Appearance:** Clear Liquid

**Vapor Density (air = 1):** >1

**Vapor Pressure (at 201C):** Negligible

**Specific Gravity (H2O=1):** 1.006

**Boiling Point/Range1F:** Greater than 200°F

**Solubility in Water:** Complete

**Evaporation Rate:** Same as water

**Odor:** Fresh Light Scent

**pH (of 1% solution):** Neutral

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**III: COMPOSITION INFORMATION**

<u>COMPONENTS</u>	<u>CAS#</u>
DI.Water	7732-18-5
Non-ionic Surfactant	9016-45-9
Isopropanol	67-63-0
Emulsifiers	64972-19-8
Cleaning Agents	2235-54-3

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**IV: POTENTIAL HEALTH HAZARD DATA**

**EFFECTS OF ACUTE OVER- EXPOSURE:**

**Eye Contact:** Can cause irritation.

**Skin Absorption:** Prolonged or repeated contact with skin could cause irritation.

**Inhalation:** Spraying or mist caused by using this product could cause irritation.

**Skin Contact:** Product may cause irritation with repeated long-term use.

**Effect of Repeated Exposure:** Unnecessary exposure to this product or any chemical should be avoided.

**Swallowing:** May cause nausea, dizziness and headache, irritating to mouth, throat and stomach.

**Other Health Hazards:** None currently known.

**CHRONIC, PROLONGED, AND/OR REPEATED OVEREXPOSURE:**

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**V: FIRST AID EMERGENCY PROCEDURES**

**Eye Contact:** Flush with plenty of water for at least 15 minutes if irritation continues, contact physician at once.

**Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing and clean before reuse. If irritation continues or develop contact a physician.

**Inhalation:** Remove immediately to fresh air, if necessary give oxygen.

**Swallowed:** Contact physician at once. Do not induce vomiting. If conscious, give 2 large glasses of water. Never give anything by mouth to an unconscious person.



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**IX: SPECIAL HANDLING INFORMATION**

**Respiratory Protection:** None required

**Ventilation:** General room ventilation is satisfactory or fresh air.

**Protective Gloves:** Rubber or plastic, impervious gloves.

**Eye Protection:** Safety goggles should be worn in chemical handling.

**Other clothing and Equipment:** Apron or lab coat.

**Work practices, hygienic requirements:** Avoid unnecessary personal contact. Wash hands thoroughly with soap and water after handling.

**Other handling and storage requirements:** Avoid overheat or freezing.

**Protective measures during maintenance of contaminated equipment:** Provide Safety shower and eye bath.

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**X: OTHER INFORMATION**

**HMIS RATINGS CHART:**

**HMIS:**

**Health: 1**

**Reactivity: 0**

**Flammability: 0**

**Personal Protection: B**

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**XI: REGULATORY INFORMATION**

**SARA TITLE III - SECTION 311/312:**

N- Fire Hazard

N-Sudden release of pressure hazard

N-Reactivity hazard

N-Immediate health hazard (acute)

Y-Delayed health hazard (chronic)

**SARA TITLE III - SECTION 302/304:**

This product does not contain extremely hazardous substances at levels, which could require reporting.

**SARA TITLE III = SECTION 313:**

This product does not contain toxic chemicals at levels, which require reporting.

**OZONE - DEPLETING CHEMICALS:**

None

**CERCLA REPORTABLE QUANTITY:**

None

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**TSCA STATUS:**

All components of these products are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

**OSHA REGULATIONS:**

Do not apply to this material or it's components. At levels which require reporting.

**CALIFORNIA PROPOSITION 65:**

This product does not contain chemicals known to the State of California to cause cancer.

**CALIFORNIA SCAQMO RULE 443.1:**

VOC - not applicable.