

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

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I: PRODUCT IDENTIFICATION INFORMATION

TRADENAME (as labeled): EARTHSAFE BATHROOM CLEANER (Concentrated)

Chemical Name:

Chemical Family:

Formula: AQUEOUS SOLUTION

Synonyms:

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

MANUFACTURER'S NAME: NACCO/ NATIONAL RESEARCH & CHEMICAL
444 EAST GARDENA BLVD.
GARDENA, CA. 90248
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Date Prepared: January 2003

Department of Transportation: (SHIPPING INFORMATION)

Hazardous Classification: Non-regulated

Shipping Name: Chemical N.O.S.

Dot Class: 55

Packing Group:

UN/NA Number:

II: PHYSICAL PROPERTIES

Vapor Density (air = 1): >1

Vapor Pressure (at 20°C): Negligible

Specific Gravity (H₂O=1): 1.040

Boiling Point/Range: Greater than 200°F

Solubility in Water: Complete

Evaporation Rate: Same as water

Odor: Lemon scent

pH (of 1% solution): 1.40

Appearance: Clear liquid

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III: COMPOSITION INFORMATION

<u>COMPONENTS</u>	<u>CAS#</u>
DI Water	7732-18-5
Non-ionic Surfactant	9016-45-9
Phosphoric Acid Solution	7664-38-2

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.

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

Other Health Hazards: None known

V: FIRST AID EMERGENCY PROCEDURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

Skin Contact: Flush with plenty of soap and water for at least 15 minutes. If irritation continues or develops contact a physician.

Inhalation: Immediately move to fresh air, if necessary give oxygen.

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

Other: None known

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VI: FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not a safety factor due to low volatility.

Flammable Limits: N/A

Lower:

Upper:

Extinguishing Media:

Water Spray: X

Foam: X

Carbon Dioxide: X

Dry Chemical: X

Special Fire Fighting Procedures: Use self contained NIOSH approved breathing apparatus and protective clothing.

Unusual Fire/Explosion Hazard: Water run off from fire fighting maybe slippery and product could produce irritant fumes.

Other: None Known

VII: REACTIVITY DATA

Stability:

Stable:

X

Unstable:

Conditions to Avoid: Avoid contact with strong Acids and strong oxidizing agents. Keep away from extreme heat, sparks or flames.

Incompatibility: Strong concentrated oxidizing agents.

Hazardous combustion's

or Decomposition Products: Not expected to occur.

Hazardous Polymerization:

May Occur:

Will Not Occur:

X

VIII: SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be taken: Contain spill by inorganic, non-combustible absorbent, such as, sand, pads, towels or inert material. Flush remaining area with plenty of water. Product is Biodegradable. Provide adequate ventilation.

Preparing waste for disposal: Small spills may be flushed down the sewer or drain with water. Materials is inherently biodegradable. For large spills dike area and contain liquid by absorbing with sand or sawdust sweeping up compound and dispose in an approved landfill.

NOTE: DISPOSE OF ALL WASTE ACCORDING WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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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. Also safety shower and eye bath.

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

Other handling and storage requirements: Store above 48°F.

KEEP OUT OF REACH OF CHILDREN.

X: OTHER INFORMATION

HMIS RATINGS CHART:

HMIS:

Health:	1	Flammability:	0
Reactivity:	0	Personal Protection:	B

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.