

MATERIAL SAFETY DATA SHEET M.S.D.S.
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I: PRODUCT IDENTIFICATION INFORMATION

TRADENAME (as labeled): ULTRAFINE ARCHIVAL WASH
Chemical Name:
Chemical Family:
Formula: Proprietary
Synonyms:

EMERGENCY CONTACT:

CHEMTREC
1-800-424-9300

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

Department of Transportation: (Shipping Information)

Date Prepared: January 2003

Hazardous Classification: None regulated

Shipping Name: Chemical NOS

Dot Class: 55

Packing Group:

UN/NA Number:

II: PHYSICAL PROPERTIES

V.O.C.: N/A

Appearance: Clear, colorless liquid

Vapor Density (air = 1): Negligible

Vapor Pressure (at 20°C): Negligible

Specific Gravity(H₂O=1): 1.23

Boiling Point/Range°F: 215°F

Solubility in Water: Complete

Evaporation Rate: >1

Odor: None

pH (of 1% solution): 8.0

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III: COMPOSITION INFORMATION

<u>COMPONENTS</u>	<u>CAS#</u>
Sodium Sulfate	7757-82-6
Sodium Sulfit	7757-83-7

IV: POTENTIAL HEALTH HAZARD DATA

EFFECTS OF ACUTE OVER- EXPOSURE:

Eye Contact: Can and will cause irritation.

Skin Absorption: May cause irritation. Avoid prolonged or repeated contact.

Inhalation: May cause upper respiratory tract irritation.

Skin Contact: May cause irritation.

Swallowing: May cause nausea, dizziness and headache.

Other Health Hazards: None known.

V: FIRST AID EMERGENCY PROCEDURES

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

Skin Contact: Wash with plenty of soap and water for at least 15 minutes. If irritation continues get medical attention.

Inhalation: Immediately move to fresh air. Get medical attention.

Swallowed: Immediately contact physician. If conscious, give two large glasses of water.

Other: None known.

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VI: FIRE AND EXPLOSION HAZARD DATA

Flash Point: 329°F - Most hazardous ingredient

Flammable Limits: Not determined

Lower:

Upper:

Extinguishing Media: N/A

Water Spray:

Foam:

Carbon Dioxide:

Dry Chemical:

Special Fire Fighting Procedures: Wear NIOSH self - contained breathing apparatus and protective clothing against contact with skin and eyes.

Unusual Fire/Explosion Hazard: Fire or excessive heat may cause production of hazardous decomposition products.

Other: None known

VII: REACTIVITY DATA

Stability:

Stable:

X

Unstable:

Conditions to Avoid: Direct heat

Incompatibility: Strong acids and alkali, strong oxidizers release sulfur dioxide gas.

Hazardous combustion's or Decomposition Products: Yields sulfur dioxide and sodium sulfide residue.

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 or inert material.

Preparing waste for disposal: For disposal or discharge, contact Federal, State or Local Agencies.

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

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IX: SPECIAL HANDLING INFORMATION

Respiratory Protection: Wear required NIOSH approved respirator.

Ventilation: Good general ventilation is recommended.

Protective Gloves: Rubber or plastic, impervious gloves.

Eye Protection: Safety goggles should be worn in chemical handling. No contact lenses.

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.