

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

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I: PRODUCT IDENTIFICATION INFORMATION

TRADENAME (as labeled): STANDARD 76 FINE GRAIN DEVELOPER

Chemical Name:

Chemical Family:

Formula:

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)

Hazardous Classification: None regulated

Shipping Name: **Dot Class:**

Packing Group: **UN/NA Number:**

II: PHYSICAL PROPERTIES

V.O.C.: N/A

Vapor Density (air = 1): N/A **Appearance:** Clear to light straw color

Specific Gravity(H₂O=1): 1.088 **Vapor Pressure (at 201C):** Negligible

>212°F to 250°F

Solubility in Water: Complete **Evaporation Rate:** Negligible

Odor: Slight pleasant odor **pH (of 1% solution):** 9.67

III: COMPOSITION INFORMATION

COMPONENTS

Sodium Sulfate

Hydroquinone

Methyl-P-Aminophenol Sulfate

CAS#

7757-83-7

123-31-9

55-55-0

Material Safety Data Sheet: Standard 76 Fine Grain Developer

IV: POTENTIAL HEALTH HAZARD DATA

EFFECTS OF ACUTE OVER- EXPOSURE:

Eye Contact: Can cause irritation.

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

Inhalation: Coughing may occur. Avoid breathing dust.

Skin Contact: May cause irritation or dermatitis.

Swallowing: May cause nausea and headache.

Other Health Hazards: None.

V: FIRST AID EMERGENCY PROCEDURES

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

Skin Contact: Flush with plenty of water for at least 15 minutes. If irritation or allergic reaction occurs, seek medical attention.

Inhalation: Immediately move to fresh air.

Swallowed: Do not induce vomiting. Immediately contact physician.

Other: None.

VI: FIRE AND EXPLOSION HAZARD DATA

Flash Point: None

Flammable Limits: Not applicable

Lower:

Upper:

Extinguishing Media:

Water Spray: X

Foam: X

Carbon Dioxide: X

Dry Chemical: X

Special Fire Fighting Procedures: None

Unusual Fire/Explosion Hazard: None

Other: None

VII: REACTIVITY DATA

Stability:

Stable: X

Unstable:

Conditions to Avoid: Direct heat.

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Incompatibility: Avoid vigorous oxidizing materials.

**Hazardous combustion's
or Decomposition Products:** Sulfur dioxide

Hazardous Polymerization:
May Occur: **Will Not Occur:** X

VIII: SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be taken: Wear protective clothing and wash spill with copious amounts of water and neutralize with acid.

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.

IX: SPECIAL HANDLING INFORMATION

Respiratory Protection: None required.

Ventilation: Avoid breathing dust. Use in well-ventilated area.

Protective Gloves: Rubber or plastic, impervious gloves.

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

Other clothing and Equipment: 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:	2	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

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.