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MATERIAL SAFETY DATA SHEET

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Section I - PRODUCT INFORMATION

MSDS Identity Number 18036
 MSDS prepared date: May 15, 1986
 MSDS revision date: March 26, 1992

Manufacturers Name:

Michlin Diazo Products Corporation
 10501 Haggerty St.
 Dearborn, MI 48126

Michlin Diazo Products Corp. Phone No: (313) 846-5700
 24 Hr. Emergency Number in U.S.A. & Canada (800) 255-3924

Product Name: Michlin Diazo Liquid and all generic labels.

Chemical Name: Heterocyclic Acid Mixture

Signature of Preparer *Robert L. Geller*

Section II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

Ingredients	OSHA	ACGIH	C.A.S. No.	PERCENT
None of these items are listed as hazardous chemicals				
Water	NONE	NONE	7732-18-5	>= 45
Indicator Dye	N/A	N/A	76-59-5	<= 15
Corrosion Inhibitor	N/A	N/A	Mixture	<= 01
Heterocyclic Acid	NONE	NONE	Mixture	<= 40

This product does not contain any ingredients subject to the reporting requirements of Section 313, Title III Part 372

Section III - PHYSICAL CHARACTERISTICS

Physical State: Liquid
 Appearance/Odor: Clear yellow liquid, light sugary odor.
 Odor Threshold: N/A
 Specific Gravity (H₂O =1): 1.12 at + 15 C
 Boiling Point (Deg. C): 102
 Melting/Freezing Point: N/A



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(CONT.) PHYSICAL CHARACTERISTICS

Vapor Pressure (mm Hg): 16mm @ 20 C
pH: 1.5
Bulk Density: N/A
Evaporation Rate (Water =1): 1
Rate of Burning: N/A
Percent Volatile by Volume: 0
Solubility in Water: Completely miscible
Sensitivity to Static Discharge: N/A
Coefficient of Water/Oil Distribution: N/A

Section IV - FIRE AND EXPLOSION DATA

Flammability Yes No X
Flash Point: N/A
Flammable Limits: % LEL: N/A UEL: N/A
Autoignition Temperature: N/A
Fire Extinguishing Media: N/A
Other Fire or Explosion Hazards: None Known.

Special Fire Fighting Procedure: None.

Section V - REACTIVITY DATA

Stability: Unstable
Stable X

Conditions to Avoid: None Known.

Incompatibility (Materials to Avoid):
Reaction with caustic can create heat (strong exotherm).

Hazard Decomposition Products: None Known.

Hazardous Polymerization: May Occur
Will Not Occur X

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Section VI - TOXICOLOGICAL AND HEALTH INFORMATION

Carcinogenicity Data: NOT LISTED as a carcinogen in NTP, IARC, or OSHA.

Acute Over Exposure: May cause skin or eye irritation.

Chronic Over Exposure: None known to Michlin.

Section VII - PREVENTION DATA

Personal Protective Equipment:

Gloves: Rubber gloves recommended
to prevent skin contact.

Other personal protection: Safety goggles and protective clothing
to avoid skin contacts.

Eye: Chemical splash goggles recommended

Section VIII - FIRST AID MEASURES

ROUTE /S OF ENTRY:

INHALATION: If inhalation of fumes has cause discomfort remove to fresh air. If irritation continues, contact physician.

SKIN: Wash with soap and water.
If irritation persists, consult physician.

EYE: Flush with water for at least 15 minutes;
If irritation persists, call physician.

INGESTION: Do not induce vomiting; call physician.

Section IX - SPILL, LEAK, DISPOSAL PROCEDURES

For Spills: Flush area with large volumes of water to prevent slow acid corrosion. Cover contaminated surfaces with soda ash or sodium bicarbonate. Flush with water. Neutralize if required. Above procedures to be done in accordance with applicable local, state, and federal regulations.

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Section X - SPECIAL PRECAUTIONS

Handling: Normal storing and handling precautions.

Storage:

Other: Avoid contact with eyes.

The information, data, and recommendations in this Material Safety Data Sheet relate only to the chemicals listed as they are used in the Diazo Developing industry.

The information, data and recommendations set fourth herein are believed by Michlin Diazo Products Corp. to be accurate. Michlin Diazo Products Corp. makes no warranties, either expressed or implied, with respect thereto and assumes no liability in connection with any use of such information, data, and recommendations.

**NORTHWEST BLUE PRINT & SUPPLY CO.**FAX COVER SHEET

DATE: 5-17-94
ATTENTION: Gerry Zaade
COMPANY: Schoolcraft College
DEPARTMENT: Purchasing
FAX NUMBER: 462-44094
NUMBER OF PAGES INCLUDING COVER SHEET: 5

MEMO: The shelf life is usually 6 months
after the production date. However, if it
is kept out of the sunlight and in a
cool place, it could last up to a
year. Usually after 2 years the product
would expire, but the only real way to
tell is to try & use it. Also if there
are any lumps or clumps visible
it may not be any good.

FROM: Charese
DEPARTMENT: Purchasing