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AZ PHOTO RESIST PRODUCTS

Hoechst Celanese

Hoechst Celanese Corporation
Electronic Products Division
P.O. Box 3700
50 Meister Avenue
Somerville, NJ 08876-1258

Material Safety Data Sheet

THE EMERGENCY PHONE NUMBERS ARE: CHEMTREC (800) 424-9300
HOECHST CELANESE (908) 231-5423
FOR (NON EMERGENCY) PRODUCT INFORMATION CALL: (908) 231-5566

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-----PRODUCT IDENTIFICATION-----

PRODUCT NAME:
DYNALITH(R) OMR DEVELOPER B
CHEMICAL FAMILY:
ORGANIC SOLVENT

VERSION DATE: 08/05/93
DATE PRINTED: 11/05/93
MSDS NUMBER: 50008070

-----HAZARDOUS INGREDIENTS-----

INGREDIENT:
NAPHTHA,
CAS# 64742-48-9

PERCENT: HAZARD DATA:
100

INHALATION AND CONTACT HAZARD.
SEE EFFECTS OF OVEREXPOSURE
COMBUSTIBLE.

-----PHYSICAL DATA-----

PHYSICAL DATA	LOW	HIGH	UNITS	COMMENT
BOILING POINT		>300	°F	
SOLUBILITY IN WATER				INSOLUBLE
% VOLATILE		100		
SPECIFIC GRAVITY (WATER =1)		0.75		
EVAPORATION RATE		0.3		<BUTYL ACETATE
VAPOR DENSITY (AIR=1)		>1		

APPEARANCE AND ODOR:
CLEAR, COLORLESS LIQUID; MILD ODOR.

-----FIRE AND EXPLOSION HAZARDS-----

FLASH POINT: 100 °F TAG CC
EXPLOSIVE LIMIT: LOWER: 0.8 UPPER: 7.0%

EXTINGUISHING MEDIA:
WATER, CARBON DIOXIDE, ALCOHOL FOAM OR DRY CHEMICAL

SPECIAL PROCEDURES:
USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
USE WATER SPRAY TO COOL DRUMS IN FIRE AREA.

UNUSUAL HAZARDS:
SOLVENT VAPORS. SEE HEALTH INFORMATION.
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

-----HEALTH INFORMATION-----

PRIMARY ROUTE OF EXPOSURE: INHALATION: YES SKIN ABSORPTION: YES INGESTION: NO
ALSO SKIN AND EYE CONTACT WITH LIQUID AND VAPORS.

EFFECTS OF OVEREXPOSURE:
NAPHTHA 150-180°C IS A SLIGHT SKIN AND EYE IRRITANT. FREQUENT
OR PROLONGED CONTACT MAY CAUSE IRRITATION AND DERMATITIS. EXPOSURE
TO HIGH LEVELS OF VAPOR CAUSES IRRITATION OF THE EYES AND RESPIRATORY
TRACT, AND MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.

CARCINOGEN: IARC: NO NTP: NO OSHA: NO

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-----OCCUPATIONAL EXPOSURE LIMITS-----
T.L.V.: STEL * 300 PPM

TEXT:
* RECOMMENDED BY MANUFACTURER

-----EMERGENCY AND FIRST AID PROCEDURE-----

INHALATION:
MOVE VICTIM TO FRESH AIR. CONSULT PHYSICIAN IF IRRITATION OCCURS.

EYE CONTACT:
FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP.

SKIN CONTACT:
IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA
THOROUGHLY WITH SOAP AND WATER.
CONSULT PHYSICIAN IF EXPOSURE IS EXTENSIVE OR IRRITATION OCCURS.

INGESTION:
IF PERSON IS CONSCIOUS, GIVE WATER OR MILK TO DILUTE STOMACH CONTENTS.
CONSULT PHYSICIAN.

ADDITIONAL MEASURES:
ADMINISTER OXYGEN IF THERE IS DIFFICULTY IN BREATHING.

-----REACTIVITY DATA-----

CHEMICAL STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:
AVOID CONTACT WITH OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION MAY GENERATE
CARBON MONOXIDE AND CARBON DIOXIDE
AS WELL AS VOLATILE ORGANIC RESIDUES.

-----SPILL OR LEAK PROCEDURES/WASTE DISPOSAL-----

SPILL OR LEAK PROCEDURES:
WEARING APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, CONTAIN SPILL,
VENTILATE AREA OF SPILL OR LEAK
REMOVE ALL SPARKING DEVICES OR IGNITION SOURCES.
COLLECT ONTO INERT ABSORBENT. PLACE IN SUITABLE CONTAINER.
RINSE RESIDUAL WITH WATER.

WASTE DISPOSAL:
LISTED AS A HAZARDOUS SUBSTANCE, AS DEFINED IN THE COMPREHENSIVE
ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.
DISPOSE OF OR INCINERATE IN ACCORDANCE WITH REGULATIONS.

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PRODUCT NAME:
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-----EMPLOYEE PROTECTION-----

RESPIRATORY PROTECTION:
CHEMICAL CARTRIDGE RESPIRATOR RECOMMENDED FOR EXPOSURES EXCEEDING TLV.

PROTECTIVE CLOTHING:
CLOTHING SUITABLE TO PREVENT SKIN CONTACT.
SAFETY EYEWEAR TO PROTECT AGAINST SPLASHES.
RUBBER GLOVES.

ADDITIONAL PROTECTIVE MEASURES:
USE LOCAL EXHAUST VENTILATION.
CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL.

-----SPECIAL PRECAUTIONS-----

STORE IN ORIGINAL CONTAINER.
TRANSPORT AND STORE UNDER DRY CONDITIONS TIGHTLY CLOSED
KEEP AWAY FROM HEAT SPARKS AND FLAME.

-----OTHER REGULATORY CONTROLS-----

OTHER REGULATORY CONTROLS:
THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

THIS PRODUCT IS NOT SUBJECT TO SARA TITLE III SECTION 313
REPORTING REQUIREMENTS UNDER 40 CFR 372.

OSHA PHYSICAL HAZARDS:
COMBUSTIBLE LIQUID

OSHA HEALTH HAZARDS:
EYE HAZARD
IRRITANT
LUNG TOXIN
NERVE SYSTEM TOXIN
SKIN HAZARD

SARA HAZARD CLASS:
ACUTE: YES CHRONIC: NO FIRE HAZARD: YES PRESSURE: NO REACTIVITY: NO