

MINNESOTA MINING & MFG CO -- 3M BRAND 1600 CHEN-PAC MICROFILM DEVELOPER --
6850-01-353-0949

===== Product Identification =====

Product ID:3M BRAND 1600 CHEN-PAC MICROFILM DEVELOPER

MSDS Date:07/21/1992

FSC:6850

NIIN:01-353-0949

MSDS Number: BNMTG

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO

Address:3M CTR 224-2S-25

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:76381

=== Co

ntractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

===== Composition/Information on Ingredients =====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 80-90%

Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:WE2150000

Fraction by Wt: 3-7%

Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM CARBONATE
CAS:584-08-7
RTECS #:TS7750000
Fraction by Wt: 1-4%
Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROQUINONE (SARA III)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 1-3%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health

Hazards Acute and Chronic:EYES-CAUSES EYE IRRITATION.
SKIN-CAUSES SKIN IRRITATION. INHALATION-NO ADVERSE HEALTH EFFECTS
ARE CURRENTLY KNOWN. IF SWALLOWED-MAY CAUSE IRRITATION OF THE MOUTH
AND UPPER DIGESTIVE TRACT.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYE-ACUTE EXPOSURE TO HIGH CONCENTRATIONS OF
HYDROQUINONE VAPORS HAS CAUSED CORNEAL IN
JURY, DISCOLORATION AND
DECREASED VISUAL ACUITY. SKIN-MAY CAUSE ALLERGIC SKIN REACTION IN
SOME INDIVIDUALS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYE CONTACT: IN CASE OF CONTACT, FLUSH EYES WITH LARGE
AMOUNTS OF WATER FOR AT LEAST TEN MINUTES AND CONTACT A PHYSICIAN.
SKIN CONTACT: IN CASE OF SKIN CONTACT, WASH AFFECTED AREA WITH SOAP
AND WATER. INHALATION: N/A. IF SW

ALLOWED: IF SWALLOWED, DRINK TWO
GLASSES OF MILK OR WATER AND CONTACT A PHYSICIAN OR POISON CONTROL
CENTER.

===== Fire Fighting Measures =====

Flash Point:NONE
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILL. WIPE UP SPILL WITH ABSORBENT
CLOTH. DISPOSE OF CLOTH IN APPROPRIATE WASTE CONTAINER AND WASH
HANDS.

===== Handling and Storage
e =====

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE. KEEP OUT OF
THE REACH OF CHILDREN. PROTECT FROM FREEZING.
Other Precautions:TO AVOID ANY POSSIBLE CONTACT WITH THIS CHEMISTRY,
IMPERVIOUS GLOVES AND CHEMICAL SAFETY GOGGLES ARE RECOMMENDED
DURING HANDLING AND DISPOSAL. KEEP CONTAINER CLOSED PRIOR TO USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT REQUIRED.
Ventilation:NOT APPLICABLE.
Protective
Gloves:AVOID SKIN CONTACT.
Eye Protection:AVOID EYE CONTACT.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING.
Supplemental Safety and Health
THIS IS PART "A" OF A FOUR PART KIT. THE KIT SHOULD CONSIST OF 3M
DOCUMENTS: 10-0147-8, 10-0148-6, 10-0149-4 AND 11-4026-8.

===== Physical/Chemical Properties =====

HCC:B3
Boiling Pt:B.P. Text:>212F,>100C
Vapor Pres:AS WATER
Vapor Density:N/D
Spe

c Gravity:CA. 1 WATER=1

pH:11

Evaporation Rate & Reference:CA. 1 WATER=1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS TO PALE YELLOW SOLUTION, SLIGHT ODOR.

Percent Volatiles by Volume:>80%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR DIOXIDE.

===== Disposal Consideration

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Waste Disposal Methods:WASTE GENERALLY CAN BE DISCHARGED TO A WASTEWATER TREATMENT SYSTEM. SINCE REGULATION VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

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