

EASTMAN KODAK COMPANY -- 188 8742 VNF-1/RVNP COLOR DEVELOPER,PART C --
6750-00-965-4954

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

Product ID:188 8742 VNF-1/RVNP COLOR DEVELOPER,PART C

MSDS Date:05/09/2000

FSC:6750

NIIN:00-965-4954

Kit Part:Y

MSDS Number: BFZWL

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone N

um:716-722-5151

Emergency Phone Num:716-722-5151

Preparer's Name:NOT PROVIDED

CAGE:19139

=== Contractor Identification ===

Company Name:EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST

Box:City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Phone:716-722-5151/(800) 242-2424

CAGE:19139

Company Name:EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

Address:800 LEE RD

Box:City:ROCHESTER

State:NY

ZIP:14650-3129

Country:US

Phone:800-828-6203

CAGE:5K871

===== Composition/

Information on Ingredients =====

Ingred Name:SODIUM PHOSPHATE/TRISODIUM PHOSPHATE (SARA III)
CAS:7601-54-9
RTECS #:TC9490000
Minumum % Wt:80.
Maxumum % Wt:85.
Other REC Limits:NOT PROVIDED
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Minumum % Wt:15.
Maxumum % Wt:20.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

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

LD50 LC50 Mixture:N
OT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EFFECTS OF EXPOSURE: INHALATION:
AIRBORNE DUST IRRITATING. MAY BE HARMFUL IF INHALED. MAY CAUSE
IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.
SOME ASTHMATICS/ HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE
DIFFICULT BREATHING. IN CONTACT WITH STRONG ACIDS OR IF HEATED,
SULFITES MAY LIBERATE SULFUR DIOXIDE GAS WHICH IS IRRITATING TO
RESPIRATORY TRACT. EYES: CAUS
ES BURNS. AIRBORNE DUST IRRITATING.
SKIN: CAUSES BURNS. THIS MATERIAL HAS A LOW POTENTIAL TO CAUSE
ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN SENSITIZATION
HAVE BEEN REPORTED. INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE
BURNS OF GASTROINTESTINAL TRACT.
Explanation of Carcinogenicity:CARCINOGENICITY CLASSIFICATION
(COMPONENTS PRESENT AT 0.1% OR MORE): - INTERNATIONAL AGENCY FOR
RESEARCH ON CANCER (IARC): NONE - AMERICAN CONFERENCE OF
GOVERNMENTAL INDUSTRIAL

HYGIENISTS (ACGIH): NON E - NATIONAL
TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH
ADMINISTRATION (OSHA): NONE

Effects of Overexposure:INHALATION: AIRBORNE DUST IRRITATING. MAY CAUSE
IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.
SOME ASTHMATICS/ HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE
DIFFICULT BREATHING. SULFUR D IOXIDE GAS IS IRRITATING TO
RESPIRATORY TRACT. EYES: CAUSES BURNS. AIRBORNE DUST IRRITATING.
SKIN: CAUSES BURNS. INGE
STION: MAY CAUSE BURNS OF GASTROINTESTINAL
TRACT.

Medical Cond Aggravated by Exposure:SOME ASTHMATICS OR
SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE WHEEZING, CHEST
TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS AND DIARRHEA.

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

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. TREAT
SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. EYES:
IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEA
ST 15 MINUTES. GET
MEDICAL ATTENTI ON IMMEDIATELY. SKIN: IMMEDIATELY FLUSH WITH PLENTY
OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED
CLOTHING AND SHOES. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. WASH
CONTAMINATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN
CONTAMINATED SHOES. INGESTION: DO NOT INDUCE VOMITING. GIVE VICTIM
A GLASS OF WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER
IMMEDIATELY. NEVER GIVE ANYTHI NG BY MOUTH TO AN UNCONSCIOUS
P
ERSON.

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

Flash Point:NONE
Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS
DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

OTHERWISE, COLLECT UP AND PUT IN A SUITABLE CONTAINER. AVOID GENERATING DUST. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES

Other Precautions:AVOID BREATHING DUST. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: HALF-FACE CARTRIDGE RESPIRATOR WITH HIGH EFFICIENCY PARTICULATE AEROSOL (HEPA) CARTRIDGES. A RESPIRATOR SHOULD BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE OR HAVE BEEN RELEASED.

Ventilation:USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:WEAR IMPERVIOUS GLOVES APPROPRIATE FOR THE RISK OF EXPOSURE.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) AND A FACE SHIELD.

Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER. WEAR PROTECTIVE CLOTHING APPROPRIATE FOR THE RISK OF EXPOSURE.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

NOTE TO PHYSICIANS: STRONG ALKALIS BIND TISSUE PROTEIN. FOLLOWING INITIAL FLUSHING OF THE EYE WITH WATER, CONTINUED IRRIGATION OF THE EYE WITH SALINE IS RECOMMENDED. TREATMENT SHOULD BE CONTINUED UNTIL PH OF TEARS REACHES NEUTRAL.

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

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NEGLIGIBLE

Spec Gravity:> 1.0

Viscosity:NOT RELEVANT

T

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE SOLID; ODORLESS

Percent Volatiles by Volume:NOT APPLICAB

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:SULFUR DIOXIDE, OXIDES OF PHOSPHORUS

===== Toxicological Information =====

To

xicological Information:EFFECTS OF EXPOSURE: INHALATION: AIRBORNE

DUST IRRITATING. MAY BE HARMFUL IF INHALED. MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. SOME ASTHMATICS/HYPERSENSITIVE INDIVIDU ALS MAY EXPERIENCE DIFFICULT BREATHING. IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR DIOXIDE GAS WHICH IS IRRITATING TO RESPIRATORY TRACT. EYES: CAUSES BURNS. AIRBORNE DUST IRRITATING. SKIN: CAUSES BURNS. THIS MATERIAL

HAS A LOW POTENTIAL TO CAUSE ALLERGIC SKIN REACTIONS;

HOWEVER, CASES OF HUMAN SKIN SENSITIZATION HAVE BEEN REPORTED.

INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF GASTROINTESTINAL TRACT.

===== Ecological Information =====

Ecological:THE FOLLOWING PROPERTIES ARE ESTIMATED FROM THE COMPONENTS OF THE PREPARATIONS. POTENTIAL TOXICITY FISH LC50 MG/L:

>100 DAPHNID EC50 MG/L: >100 ALGAL

IC50 MG/ L: NOT AVAI

TABLE ORGANICS READILY

DEGRADABLE NOT APPLICABLE (>70%): POTENTIAL

BIOACCUMULATION: LOG POW 100 EC50 (MG/L):

===== Disposal Considerations =====

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS E VEN AFTER CONTAINER IS EMPTIED

===== MSDS Tr

Transport Information =====

Transport Information:FOR TRANSPORTATION INFORMATION REGARDING THIS
PRODUCT CALL THE KODAK WORLDWIDE TRANSPORTATION HAZMAT HOT LINE:
(716) 722-2400 BETWEEN 8 A.M. AND 5 P.M. (EASTERN STANDARD TIME),
MONDAY THROUGH FRIDAY .

===== Regulatory Information =====

SARA Title III Information:CHEMICAL(S) SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OR TITLE III OF THE SUPERFUND
AMENDMENTS AND RE
AUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR
PART 372: NONE

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE CANCER: NONE - MATERIAL(S) KNOWN TO THE STATE
OF CALIFORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE

===== Other Information =====

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