

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

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

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

MSDS Date:05/25/1994

FSC:6750

NIIN:00-965-4954

MSDS Number: BVFSK

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-47

7-3194 FOR MSDS : 242-2424

Emergency Phone Num:716-722-5151

Preparer's Name:UNKNOWN.

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

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 60 - 65%

Other REC Limits:NONE RECOMMENDED

Ingred Nam

e:PHOSPHONIC ACID,(1-HYDROXYETHYLIDENE)DI-/SUBSTITUTED  
PHOSPHONATE

CAS:2809-21-4

RTECS #:SZ8562100

Fraction by Wt: 35 - 40%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES. ACUTE-  
INHALATION:EXPECTED TO BE A LOW HAZARD FOR RECOMME  
NDED HANDLING.

EYES:MAY CAUSE TRANSIENT IRRITATION. SKIN:LOW HAZARD FOR  
RECOMMENDED HANDLING. INGESTION:EXPECTED TO BE A LO W INGESTION  
HAZARD. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES IRRITATION

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY  
FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN.

SKIN:FLUSH WITH PLENTY OF WATER. INHALAT  
ION:REMOVE TO FRESH AIR.

INGESTION:DRIN K 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, ALCOHOL FOAM OR DRY  
CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. FIRE MAY PRODUCE HAZARDOUS  
DECOMPOSITION PRODUCT.

Unusual Fire/Explosion Ha  
zard:NONE

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

Spill Release Procedures:FLUSH MATERIAL TO SEWER WITH LARGE AMOUNT OF  
WATER IF REGULATIONS ALLOW OR ABSORB SPILL WITH VERMICULITE. PLACE  
IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO  
REMOVE RESIDUAL CONTAMINA TION.

Neutralizing Agent:NOT RELEVANT

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

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

OXIDIZERS.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. AVOID EYE CONTACT.  
KEEP OUT OF REACH OF CHILDREN. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT. TYPICALLY,  
10 ROOM VOLUMES PER HR IS CONSIDERED GOOD GENERAL VENTILATION.

Protective Gloves:RUBBER/LATEX IF REPEATED CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GO  
GGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND  
IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

KEY1:C4. PART A-1 OF THE KIT. FORMULA CHANGED. FOR PREVIOUS  
FORMULATION, SEE PNI B, SAME NSN.

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

HCC:F8

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P.

Text:>212F,>100C

Vapor Pres:18 @ 68F

Vapor Density:0.6

Spec Gravity:1.40

pH:10.2

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT YELLOW LIQUID - AMMONIA ODOR

Percent Volatiles by Volume:60

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
OXIDES OF PHOSPHORUS

===== Disposal

Considerations =====

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER.

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