

PICKER INTERNATIONAL -- 252242A TYPE H DEV.; RP X-RAY DEVELOPER/REP -- 6525-01-166-2679  
===== Product Identification =====

Product ID:252242A TYPE H DEV.; RP X-RAY DEVELOPER/REP

MSDS Date:03/01/1989

FSC:6525

NIIN:01-166-2679

MSDS Number: BPGGN

=== Responsible Party ===

Company Name:PICKER INTERNATIONAL

Address:4 ESTERBROOK LANE

City:CHERRY HILL

State:NJ

ZIP:08003

Country:US

Info Phone Num:609-424

-3620

Emergency Phone Num:609-424-3620;800-424-9300(CHEMTREC)

Preparer's Name:ENGINEERING DEPT.

CAGE:47220

=== Contractor Identification ===

Company Name:PICKER INTERNATIONAL

Address:4 ESTERBROOK LANE

Box:City:CHERRY HILL

State:NJ

ZIP:08003

Country:US

Phone:609-424-3620;800-424-9300(CHEMTREC)

CAGE:47220

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 40-70%

Ingred Name:POTASSIUM SULFITE

CAS:10117-38-1

Fract

ion by Wt: 10-15%

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:WE2150000

Fraction by Wt: 10-15%

Ingred Name:HYDROQUINONE (SARA III)

CAS:123-31-9

RTECS #:MX3500000

Fraction by Wt: 5-10%

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 1-5%

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM CARBONATE

CAS:584-08-7

RTE

CS #:TS7750000

Fraction by Wt: 1-5%

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

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

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

Health Hazards Acute and Chronic:ACUTE EXPOSURE: EYE IRRITANT CHRONIC:

MAY CAUSE AN ALLERGIC SKIN REACTION.

Explanation of Carcinogenicity:"NONE REPORTED"

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY

MFR

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15 MINUTES AND GET MEDICAL ATTENTION. SKIN:FLUSH SKIN WITH WATER AND WASH WITH A NON-ALKALINE (ACID) TYPE HAND CLEANSER. IF ALLERGIC SKIN REA CTION DEVELOPS, GET MEDICAL ATTENTION.INHALED:NONE

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

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:USE WATER  
FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SMALL SPILL:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER.  
Neutralizing Agent:SODIUM BICARBONATE?

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID CONTACT WITH EYES AND SKIN. STORE BETWEEN 50-80 F.  
Other Precautions:NONE

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

Respiratory Protection:NOT REQUIRED  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.  
Protective Gloves:NITRILE RUBBER  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Oth

er Protective Equipment:PROTECTIVE CLOTHING TO COVER SKIN.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). CAGE CODE AND NSN IDENTIFIED BY THEM.

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

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>212F,>100C

Spec Gravity:1.3

pH:11.2

Solubility in Water:COMPLETE

Appearance an

d Odor:COLORLESS TO AMBER LIQUID,NO ODOR

Percent Volatiles by Volume:70.0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS;ACIDS

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:OXIDES OF CARBON AND SULFUR

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:NO SPECIFIC METHOD NECESSARY IF NEUTRALIZED.

DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO XERTAIN GOVERNMENT REGULATIONS

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