

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  
Fracti

on 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  
RTEC  
S #: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.

===== 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

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

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:USE WATER F  
OG, 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.

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

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

===== 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

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

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

r 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 and  
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 N  
EUTRALIZED.  
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO XERTAIN  
GOVERNMENT REGULATIONS

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