

PICKER INTERNATIONAL INC. -- 3-7-90 DEVELOPER/REPLENISHER PART B 250470 --  
6525-01-096-4884

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

Product ID:3-7-90 DEVELOPER/REPLENISHER PART B 250470

MSDS Date:03/01/1989

FSC:6525

NIIN:01-096-4884

MSDS Number: BHXTV

=== Responsible Party ===

Company Name:PICKER INTERNATIONAL INC.

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

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

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 35-60%

Ingred Name:ACETIC ACID (SARA III)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 30-40%  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:1-PHENYL-3-PYRAZOLIDONE  
CAS:92-43-3  
RTECS #:UQ8750000  
Fraction by Wt: 3-7%

Ingred Name:5-NITROBENZIMIDAZOLE  
CAS:94-52-0  
RTECS #:DD9800000  
Fraction by Wt: 0.1-0.7%

Ingred Name:DIETHYLENE GLYCOL  
CAS:111-46-6  
RTECS #:ID5950000  
Fraction by Wt: 20-30%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YE

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

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I.TRACTS;REDNESS OR BURNS OF EYES/SKIN  
POSSIBLE.CHRONIC:DERMATITIS,LUNGS INJURY OR EYE POSSIBLE.

Explanation of Carcinogenicity:DTTA PER MSDS

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE  
AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.  
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS

. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:>199F,>93C

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. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE  
MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND  
RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED  
AREA. KEEP

CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. AVOID CONTACT  
WITH EYES AND SKIN.STORE BETWEEN 50-80 F.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID  
PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.  
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED  
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK  
CLOTHING AND APRON AS REQUIRED.

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

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR

IN EYES. DO  
NOT BREATHE VAPORS OR MISTS.

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

HCC:N1  
Spec Gravity:1.10  
pH:2.0  
Solubility in Water:COMPLETE  
Appearance and Odor:ORANGE TO BROWN LIQUID,PUNGENT ODOR  
Percent Volatiles by Volume:95.0

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS AND ALKALI  
Stability Condition to Avoid:HIGH TEMPERATURES  
Hazardous Decomposition Products:CARBON MONOXI  
DE, CARBON DIOXIDE AND  
OXIDES OF NITROGEN

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE  
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND  
REGULATIONS.

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