

PICKER INTL INC -- PHOTOGRAOPHIC FIXER/REPLENISHER PART A -- 6525-01-096-0617

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

Product ID:PHOTOGRAOPHIC FIXER/REPLENISHER PART A

MSDS Date:03/01/1989

FSC:6525

NIIN:01-096-0617

MSDS Number: BMTZD

=== Responsible Party ===

Company Name:PICKER INTL INC

Address:1 EXPRESSWAY PLZ SUITE 208

City:ROSLYN HEIGHTS

State:NY

ZIP:11577-2031

Country:US

CAGE:MO904

=== 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

Company Name:PICKER INTL INC

Address:1 EXPRESSWAY PLZ SUITE 208

Box:City:ROSLYN HEIGHTS

State:NY

ZIP:11577-2031

Country:US

CAGE:MO904

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 20-40%

Other REC Limits:NONE SPECIFIED

Ingred

Name:AMMONIUM THIOSULFATE
CAS:7783-18-8
RTECS #:XN6465000
Fraction by Wt: 40-70%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM BISULFITE (SASA III)
CAS:7631-90-5
RTECS #:VZ2000000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE
CAS:1303-96-4
RTECS #:VZ2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3; 9192

In
gred Name:SODIUM ACETATE
CAS:126-96-5
RTECS #:AJ4375000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM CITRATE
CAS:68-04-2
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CAUSES EYE AND SKIN EYE
IRRITATION. CHRONIC: THIS PRODUCT CONTAINS SODIU

M BISULFITE FOR

WHICH INHALATION MAY CAUSE BRONCHIAL PNEUMONIA & GASTROINTESTINAL DISTURBANCES & ALSO CONTAINS SODIUM TET RABORATE WHICH HAS BEEN LINKED TO ANOREXIA. SKIN CONTACT CAUSES DERMATITIS & EYE CONTACT CAUSES CONJUNCTIVITIS & EDEMA.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALATION MAY CAUSE WEIGHT LOSS, VOMITING, CONVULSION AND ANEMIA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH EYE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. SKIN: FLUSH WITH PLENTY OF WATER. INHALATION: REMOVE FROM EXPOSURE.

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

Flash Point Method:CC

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower L

imits:NONE

Upper Limits:NONE

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, CARBON DIOXIDE.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN OR EYES.

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

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

Spill Release Procedures:NEUTRALIZE WITH SODIUM BICARBONATE. SMALL SPI

LL: FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. LARGE SPILLS: ABSORB MATERIAL IN VERMICULITE OR OTHER SUITABLE ABSORBENT & PLACE IN IMPERVIOS CONTAINERS.

Neutralizing Agent:SODIUM BICARBONATE.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYE AND SKIN. STORE BETWEEN 10-25 DEG.C.

Other Precautions:EMPTY CONTAINERS (THOSE CONTAINING LESS THAN 3 PERCENT BY WEIGHT OF THE TOTAL CAPACITY OF THE CONTAINER) ARE N

OT

REGULATED UNDER HAZARDOUS WASTE REGULATIONS AND MAY BE DISPOSED OF
IN THE NORMAL MANNER .

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

Respiratory Protection:NOT REQUIRED.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:NITRILE RUBBER GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NORMAL FOOTWARE. COVER SKIN.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

SPECIAL SHIPPING INFORMATION: KEEP ABOVE 4.4 DEG. C.

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

HCC:C3

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

Spec Gravity:1.4

pH:5-5.5%

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT TO YELLOW LIQUID, PUNGENT ODOR.

Percent Volatiles by Volume:50

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, BASES (CAUSTICS) AND ACIDS.

Stability Condition to Avoid:EXCESSIVE HEAT.

Hazardous Decomposition Products:EXCESSIVE HEAT MAY PRODUCE AMMONIA AND
SULFUR DIOXIDE.

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

Waste Disposal Methods:NO SPECIFIC METHOD NECESSARY IF NEUTRALIZED.
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO CERTAIN
GOVERNMENT REGULATIONS.

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