

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the De

partment

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.