

## **G-335C INDUST X-RAY FIXER WORKING STRENGTH**

### **MSDS Number**

BKPDN

### **National Stock Number**

6525-00N014766

### **Product Name**

G-335C INDUST X-RAY FIXER WORKING STRENGTH

### **Manufacturer**

AGFA CORP

### **Product Identification**

Product ID:G-335C INDUST X-RAY FIXER WORKING STRENGTH

MSDS Date:06/01/1988

FSC:6525

NIIN:00N014766

Kit Part:Y

MSDS Number: BKPDN

### **Responsible Party**

AGFA CORP

100 CHALLENGER RD

RIDGEFIELD , NJ 07660

US

Emergency Phone: 303-623-5716,800-424-9300(CHEMTREC)

Info Phone: 201-440-2500

Cage: HO790

### **Contractor**

AGFA DIVISION/BAYER CORPORATION

RIDGEFIELD PARK, NJ 07660

US

210-440-2500

Cage: 59710

### **Ingredients**

THIOSULFURIC ACID, DIAMMONIUM SALT (AMMONIUM THIOSULFATE)

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight: 15-20%

1)

CAS: 7757-83-7

RTECS: WE2150000

Fraction By Weight: 1-5%

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

Fraction By Weight: 1-5%

OSHA PEL10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ALUMINUM SULFATE (SARA III)

CAS: 10043-01-3

RTECS: BD1700000

Fraction By Weight: 0-1%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 0-1%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:EYE:MAY CAUSE IRRITATION.

SKIN:NO DERMAL IRRITATION AS PER TESTS PERFORMED. INHAL:NORMALLY NO

PROBLEM, BUT INHALATION OF MIST COULD CAUSE RESPIRATORY IRRITATION.

INGEST:MAY CAUSE IRRITATION OF MUCOUS MEMBRANES OR DIGESTIVE

TRACT.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:IMMEDIATELY FLUSH W/PLENTY OF RUNNING WATER FOR AT LEAST 15 MINUTES. GET MD. SKIN:FLUSH AFFECTED AREAS PROMPTLY W/WATER FOR 15 MINUTES. REMOVE CONTAM CLOTHING. IN CASE OF CONTINUED IRRITATION GET MD. INHAL:FOR OVEREXPOSURE, REMOVE TO FRESH AIR. INGEST:GET MD IMMEDIATELY.

## Fire Fighting

Flash Point:NONCOMBUSTIBLE

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.

Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA. KEEP

PERSONNEL REMOVED & UPWIND OF FIRE. WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION EMISSION OF TOXIC FUMES OF SO<sub>2</sub> IS POSSIBLE.

## Accidental Release

Spill Release Procedures:REVIEW FIRE/EXPLO HAZ DATA & SPECIAL PROT INFORMATION BEFORE PROCEEDING W/CLEAN UP. USE APPROP NIOSH/MSHA APPRVD PERSONAL PROT EQUIP DURING CLEAN UP. DIKE SPILL. PVNT LIQ FROM ENTERING SEWERS, WATERWAYS, LOW AREAS. SOAK UP W/SAWDUST, (SEE SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN WELL VENT AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE W/INCOMPATIBLE MATLS. DO NOT STORE/CONSUME FOOD, DRINK, TOBACCO (SEE SUPP DATA)

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NONE NEEDED W/WORKING MIXTURES & NORMAL ROOM VENTILATION. IF NEEDED, USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:ROOM VENTILATION IS SUFFICIENT. AVOID USE OF PRODUCT IN UNVENTILATED AREAS.

Protective Gloves:CHEMICAL GLOVES.

Eye Protection:CHEM WORKERS GOGGLES.

Other Protective Equipment:CHEMICAL APRONS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SPILL PROC:SAND, OIL DRY OR OTHER ABSORBENT MATERIAL. WASTE DISPMETH:AUTHORITY & MAY REQUIRE PRETREATMENT. DISPOSE I/A/W FEDERAL, STATE AND LOCAL REGULATIONS . HNDLG/STOR PREC:IN AREA WHERE THE Y MAY BECOME CONTAMINATED W/MATERIAL.

## Chemical Properties

HCC:C3

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

Vapor Pres:SAME/WATER

Vapor Density:SAME/WATER

Spec Gravity:1.11

pH:4.20

Evaporation Rate & Reference:PHYS PROP SAME AS WATER

Solubility in Water:100%

Appearance and Odor:CLEAR AND COLORLESS, SLIGHT SULFUR DIOXIDE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES, STRONG ACIDS, OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SO\*X, CO\*2, CO, AMMONIA.

## Disposal

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ &/OR CONTAM WATER & DISPOSE OF IN APPRVD/PERMITTED TREATMENT SYS. REMOVE NONUSABLE SOLID MATL &/OR CONTAM SOIL FOR DISPOSAL IN APPRVD/PERMITTED LANDFILL. DISCHARGE TO SEWER REQUIRES APPROVAL OF PERMITTING (SEE SUPP DATA)

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