

AGFA DIVISION OF BAYER CORPORATION -- ENCO PLATE CLEANER,60639226 -- 6850-01-019-0667  
===== Product Identification =====

Product ID:ENCO PLATE CLEANER,60639226

MSDS Date:08/14/1996

FSC:6850

NIIN:01-019-0667

MSDS Number: CCMRZ

=== Responsible Party ===

Company Name:AGFA DIVISION OF BAYER CORPORATION

Address:50 MEISTER AVE

Box:1271

City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Info Phone Num:908-231

-5445

Emergency Phone Num:908-231-5445/800-424-9300(CHEMTREC)

CAGE:MO568

=== Contractor Identification ===

Company Name:AGFA DIVISION OF BAYER CORPORATION

Address:50 MEISTER AVE

Box:1271

City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-231-5445

CAGE:MO568

Company Name:HOECHST CELANESE CORP PRINTING PRODUCTS DIV

Address:3070 U S HWY 22 W

Box:3700

City:SOMERVILLE

State:NJ

ZIP:08870

Country:US

Phone:908-231-3829

CAGE:02687

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

Ingred Name:STODDARD SOLVENT  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 19%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9596

Ingred Name:NAPHTHA, LIGHT AROMATIC (SOLVENT NAPHTHA)/SUPER HIGH FLASH  
NAPHTHA  
CAS:64742-95-6  
RTECS #:WF3400000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:NITRIC ACID (SARA 302/313) (CERCLA)  
CAS:7697-37-2  
RTECS #:QU5775000  
Fraction by Wt: 4%  
Other REC Limits:NONE RECOMMENDE  
D  
OSHA PEL:2 PPM  
ACGIH TLV:2 PPM/4 STEL; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)  
CAS:7664-38-2  
RTECS #:TB6300000  
Fraction by Wt: 3%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NOT RELEVANT

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

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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,

RESPIRATORY & GI TRACTS. ACUTE- INHALE:HIGH VAPOR CONCENTRATIONS  
MAY CAUSE CNS DEPRESSION. EYE:CAUSES IRRITATION.

SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE DRYING, CRACK ING.

ORAL:HARMFUL. MAY CAUSE GI TRACT IRRITATION. ASPIRATION INTO LUNGS  
MAY

CAUSE DAMAGE/DEATH. CHRONIC- DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, COUGHING, CHOKING, CHEST PAIN,

DIFFICULTY IN BREATHING, ABDOMINAL PAIN, NAUSEA, VOMITING,

DIARRHEA, COLLAPSE, UNCONSCIOUSNESS, DEATH, DIZZINESS, HEADACHES,  
DRYING AND CRACKING OF SKIN, DER MATITIS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED CNS, RESPIRATORY FUNCTION SUCH  
AS ASTHMA, BRONCHITIS, EMPHYSEMA MA

Y BE MORE SUSCEPTIBLE TO THE

EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15

MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP

& WATER . ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH

OUT WITH WATER. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE

ANYTIHING BY MOUTH TO

AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC

Flash Point:112F,44C

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE (CO2), FOAM OR DRY  
CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN

AIR AND CAN TRAVEL

CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.  
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.  
REMOVE IGNITION SOURCES. REMOVE SPILLS WITH INERT ABSORBENT  
MATERIAL SUCH AS SAND OR VERMICULITE. PLACE MATERIAL INTO CONTAINER  
FOR DISPOSAL. WASH SPILL AREA . KEEP SPILL AND WASH WATER FROM  
ENTERING SE

WERS.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE), LIME (CALCIUM  
HYDROXIDE), LIMESTONE (CA CARBONATE)

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED PLACE,  
AWAY FROM ALKALINE MATERIALS. KEEP CONTAINERS TIGHTLY CLOSED. KEEP  
OUT OF REACH OF CHILDREN.

Other Precautions:WARNING! FLAMMABLE AND CORROSIVE. DO NOT GET IN EYES,  
ON SKIN OR CLOTHING. AVOID BREATHING VAPORS. USE WITH ADEQUATE  
VENTIL

ATION. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. KEEP AWAY  
FROM FOOD AND FE ED. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE SHOULD BE NEEDED. IF TLV IS EXCEEDED OR FOR  
SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR  
RESPIRATOR OR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)  
VENTILATION TO MAINTAIN EXPOS  
URE BELOW TLV(S).

Protective Gloves:NATURAL RUBBER OR NEOPRENE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:USE RUBBER SPLASH APRON AND RUBBER BOOTS.  
EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,  
DRINKING/SMOKING.

Supplemental Safety and Health

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

HCC:F

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NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

Vapor Density:>1

Spec Gravity:0.97

pH:0.56

VOC Grams/Liter:1.53

Evaporation Rate & Reference: