

HOECHST CELANESE CORP PRINTING PRODUCTS DIV -- ENCO PLATE CLEANER --  
6850-01-019-0667

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

Product ID:ENCO PLATE CLEANER

MSDS Date:11/29/1993

FSC:6850

NIIN:01-019-0667

MSDS Number: BSGGD

=== Responsible Party ===

Company Name:HOECHST CELANESE CORP PRINTING PRODUCTS DIV

Address:50 MEISTER AVE

Box:3700

City:SOMERVILLE

State:NJ

ZIP:08876-1258

Country:US

Info Phone Num:90

8-231-5445

Emergency Phone Num:908-231-5423,800-424-9300(CHEMTREC)

CAGE:02687

=== Contractor Identification ===

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: 0-19%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:100 P

PM; 9394

Ingred Name:SUPER HIGH FLASH NAPHTHA  
CAS:64742-95-6  
Fraction by Wt: 0-19%  
Other REC Limits:100 PPM  
OSHA PEL:100 PPM

Ingred Name:NITRIC ACID (SARA III)  
CAS:7697-37-2  
RTECS #:QU5775000  
Fraction by Wt: 4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 PPM  
ACGIH TLV:2 PPM/4 STEL; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PHOSPHORIC ACID (SARA III)  
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 STE  
L; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: IRRITATION, CONJUNCTIVITIS.  
SKIN: IRRITATION, DEFATTING, DERMATITIS. INHALATION: CENTRAL  
NER

VOUS SYSTEM DEPRESSANT, MUCOUS MEMBRANE IRRITANT, HEADACHE, DIZZINESS, INTOXICATION WITH EUPHORIA LEAD ING TO UNCONSCIOUSNESS. INGESTION: MUCOUS MEMBRANE IRRITANT, CNS DEPRESSANT, INCLUDING SYMPTOMS LISTED UNDER INHALATION.

Effects of Overexposure:EYES: IRRITATION, CONJUNCTIVITIS. SKIN: IRRITATION, DEFATTING, DERMATITIS. INHALATION: CENTRAL NERVOUS SYSTEM DEPRESSION, MUCOUS MEMBRANE IRRITANT, HEADACHE, DIZZINESS, INTOXICATION WITH EUPHORIA LEAD ING TO UNCONSCIOUSNESS. ING ESTION: MUCOUS MEMBRANE IRRITANT, CNS DEPRESSANT, INCLUDING SYMPTOMS LISTED UNDER INHALATION.

Medical Cond Aggravated by Exposure:THE HIGH BOILING PETROLEUM SPIRITS MAY AGGRAVATE PRE-EXISTING KIDNEY, OR LIVER DISORDERS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION OR ADVERSE SYMPTOMS DEVELOP, GET M EDICAL ATTENTION. INH ALATION: MOVE TO FRESH AIR. IF IRRITATION OF RESPIRATORY PASSAGES OCCURS, GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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

Flash Point Method:CC  
Flash Point:112F,44C  
Extinguishing Media:WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:EMITS TOXIC AND CORROSIVE FUME S UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. REMOVE ALL SPARKING DEVICES OR IGNITION SOURCES. COLLECT ONTO INERT ABSORBENT. PLACE IN SUITABLE CONTAINER. RINSE RESIDUAL WITH WATER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN ORI

GINAL CONTAINER. KEEP

CONTAINER TIGHTLY SEALED.

Other Precautions:COMBUSTIBLE LIQUID; KEEP AWAY FROM HEAT AND FLAME.

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

Respiratory Protection:CHEMICAL CARTRIDGE RECOMMENDED FOR EXPOSURES EXCEEDING TLV.

Ventilation:LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves:RUBBER GLOVES RECOMMENDED.

Eye Protection:SAFETY GOGGLES OR FULL FACE SHIELD.

Other Protective Equipment:CLOTHING SUITABLE TO PREVENT SKIN CONTACT.

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ONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F6

Boiling Pt:B.P. Text:>100F,>38C

Vapor Density:>AIR

Spec Gravity:0.97

pH:0.56

Evaporation Rate & Reference: