

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

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===== 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:9

08-231-5445

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

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===== 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

PPM; 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 ST  
EL; 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  
NE

MUCOUS SYSTEM DEPRESSANT, MUCOUS MEMBRANE IRRITANT, HEADACHE, DIZZINESS, INTOXICATION WITH EUPHORIA LEADING 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 LEADING TO UNCONSCIOUSNESS. IN

GESTION:

MUCOUS MEMBRANE IRRITANT, CNS DEPRESSANT, INCLUDING SYMPTOMS LISTED UNDER INHALATION.

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

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===== 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 MEDICAL

ATTENTION. INHALATION: MOVE TO FRESH AIR. IF IRRITATION OF RESPIRATORY PASSAGES OCCURS, GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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===== 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 FUMES UNDER FIRE CONDITIONS.

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===== 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.

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

Handling and Storage Precautions: STORE IN OR

ORIGINAL 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.

CONTACT 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: