

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: