

OCTEL AMERICA, INC. -- STADIS 450 CONDUCTIVITY IMPROVER -- 6850-01-097-2060  
===== Product Identification =====

Product ID:STADIS 450 CONDUCTIVITY IMPROVER

MSDS Date:10/19/1996

FSC:6850

NIIN:01-097-2060

MSDS Number: CFCVD

=== Responsible Party ===

Company Name:OCTEL AMERICA, INC.

Address:200 EXECUTIVE DRIVE

City:NEWARK

State:DE

ZIP:19702

Country:US

Info Phone Num:800-441-9547

Emergency Phone Num:8

00-424-9300 TRAN; 800-441-9547 MED

Preparer's Name:R.V.DAUM

CAGE:02SG7

=== Contractor Identification ===

Company Name:GREAT LAKES CHEMICAL CORP

Address:1801 HWY 52 NW

Box:2200

City:WEST LAFAYETTE

State:IN

ZIP:47996-2200

Country:US

Phone:765-497-6100/800-949-5167

CAGE:2E394

Company Name:OCTEL AMERICA INC

Address:200 EXECUTIVE DR

Box:City:NEWARK

State:DE

ZIP:19702

Country:US

Phone:302-451-1356

CAGE:02SG7

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

Ingred Name:TOLUENE (SA

RA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 50-65%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM; Z-2  
ACGIH TLV:S, 50 PPM; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE (SARA 313) (CERCLA)  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: 100 LB MAY TRIGGER  
REPORTS-SECTION 103.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY  
, WELL-VENTILATED  
PLACE. KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS  
AND FLAMES. BOND & GROUND CONTAINER IF POURING  
Other Precautions:AVOID BREATHING VAPORS OR MIST. AVOID CONTACT WITH  
EYES, SKIN OR CLOTHES. WASH THOROUGHLY AFTER HANDLING. DO NOT  
STORE, CONSUME FOOD, DRINK OR TOBACCO IN AREAS WHERE THEY MAY  
BECOME CONTAMINATED WITH THIS PRODUCT.

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

Respiratory Protection:WHERE THERE IS POTENTIAL FOR AIRBORNE EXPOSURES,  
WEAR NIOSH/MSHA APPROVED RESPIRATORY PROTECTION.  
Ventilation:KEEP CONTAINER TIGHTLY CLOSED. USE SUFFICIENT VENTILATION  
TO KEEP EMPLOYEE EXPOSURE BELOW RECOMMENDED LIMITS.  
Protective Gloves:IMPERVIOUS-NITRILE, BUTYL, PVC.  
Eye Protection:COVERALL SPLASH GOGGLES + FACE SHIELD  
Other Protective Equipment:WHERE POTENTIAL FOR SKIN CONTACT EXISTS WEAR  
IMPERVIOUS GLOVES, APRON, PANTS, JACKET.  
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,  
DR

INKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.  
Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=90.C, 194.F

Spec Gravity:0.91

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE = 1)

Solubility in Water:SLIGHT

Appearance and Odor:AMBER LIQUID, TOLUENE ODOR

Corrosion Rate:UNKNOWN

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE OR C

AN REACT WITH OXIDIZERS.

Stability Condition to Avoid:STABLE AT NORMAL TEMPERATURES & STORAGE  
CONDITIONS.

Hazardous Decomposition Products:SULFUR DIOXIDE.

Conditions to Avoid Polymerization:POLYMERIZATION WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION & DISPOSAL  
MUST BE IAW LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT FLUSH TO  
SURFACE WATER OR SANITARY SEWER SYSTEM.

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