

OCTEL AMERICA INC -- STADIS 450 (DINNSA STABILIZER) -- 6850-01-097-2060

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Product Identification  
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Product ID:STADIS 450 (DINNSA STABILIZER)

MSDS Date:10/16/1997

FSC:6850

NIIN:01-097-2060

MSDS Number: CGFPF

=== 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:800-441-9

547/800-424-9300(CHEMTREC)

Preparer's Name:AL HOMAN

CAGE:02SG7

=== Contractor Identification ===

Company Name:OCTEL AMERICA INC

Address:200 EXECUTIVE DR

Box:City:NEWARK

State:DE

ZIP:19702

Country:US

Phone:302-451-1356

CAGE:02SG7

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Composition/Information on Ingredients  
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Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 35 - 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

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OT Rpt Qty:1000 LBS

Ingred Name:TRADE SECRET COMPONENT/NJ TRADE SECRET # 35-1927749-5457

Fraction by Wt: 5 - 10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA 313) (CERCLA)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0 - 1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1028

ACGIH TLV:10 PPM; A2; 9596

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:PETROLEUM HEAVY AROMATIC NAPHTHA/MIXED AROMATIC SOLVENTS  
(C9-16)

CAS:64742-94-5

RTECS #:WF3100000

Fraction by Wt: 10 -  
20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 0 - 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:NAPHTHALENE (SARA 313) (CERCLA)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 0 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9596

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingre

d Name:TRADE SECRET COMPONENT/NJ TRADE SECRET REGISTRY #  
35-1927749-5037

Fraction by Wt: 15 - 20%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DINONYLNAPHTHYLSULFONIC ACID

CAS:25322-17-2

Fraction by Wt: 10 - 15%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) >5,000 MG/KG

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards

Acute and Chronic:TARGET ORGANS:LIVER, KIDNEY, CNS,  
LUNG, HEART. ACUTE- MAY CAUSE EYE IRRITATION & BURNS IF NOT REMOVED  
PROMPTLY. SKIN CONTACT RESULTS IN DEFATTING. INHALATION MAY HAVE  
EFFECTS ON HEART, CNS, LIVER, KID NEY. INGESTION MAY CAUSE  
ABDOMINAL PAIN,MAUSEA, VOMITING. ASPIRATION HAZARD. CHRONIC- MAY  
CAUSE LIVER & KIDNEY EFFECTS.

Explanation of Carcinogenicity:CONTAINS B [71-43-2] WHICH IS  
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Ove

rexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,  
VOMITING, DROWSINESS, BLURRED VISION, PAIN, COUGHING, WHEEZING,  
SHORTNESS OF BREATH, CONFUSION, RASH, RAPID HEART RATE, BLUISH  
DISCOLORATION OF SKIN, CHOCKING, FEVER

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, BONE  
MARROW, BLOOD, HEART, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE  
TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SEE DOCTOR. SKIN:FLUSH  
WITH WATER. O RAL:DO NOT INDUCE VOMITING. CALL PHYSICIAN  
IMMEDIATELY. IF CONSCIOUS, DRINK 2 GLASSES OF WATER. NEVER GIVE  
ANYTIHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:43.0F,6.1C

Extinguishing Media:USE FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VERY FLAMMABLE. VAPOR CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA, AWAY FROM IGNITION SOURCES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT WELD, SOLDER OR DRILL SUCH CONTAINERS. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. DO NOT GET IN EYES OR ON SKIN. DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR

AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

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

Protective Gloves:NITRILE, PVA

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Wor

k Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

PERCENTAGE/FORMULA CHANGED. NOTE TO PHYSICIAN: ACTIVATED CHARCOAL MIXTURE MAY BE ADMINSTERED. TO PREPARE MIXTURE, SUSPEND 50 GRAMS ACTIVATED CHARCOAL IN 400 ML WATER AND MIX THOROUGHLY. ADMINISTER 5 M L/KG OR 350 ML FOR AN AVERAGE ADULT. CATECHOLAMINE DRUGS SHOULD BE USED WITH SPECIAL CAUTION IN EMERGENCY LIFE SUP  
PORT.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

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

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

Stability Indicator/Materials to Avoid:YES

NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid:HIGH HEAT, SPARKS, FLAME, OTHER SOURCES O  
F

IGNITION

Hazardous Decomposition Products:SULFUR DIOXIDE, CARBON MONOXIDE,  
CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. RECYCLING OR REUSING IS RECOMMENDED.

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