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OCTEL AMERICA INC -- STADIS 450 ENHANCED (DINNSA STABILIZER) -- 6850-01-447-4075

Product ID:STADIS 450 ENHANCED (DINNSA STABILIZER)

MSDS Date:10/16/1997

FSC:6850

NIIN:01-447-4075 Status Code:A

MSDS Number: CHXFJ === Responsible Party ===

Company Name: OCTEL AMERICA INC

Address: 200 EXECUTIVE DRIVE

City:NEWARK

State:DE ZIP:19702 Country:US

Info Phone Num:800-441-95

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Emergency Phone Num:800-441-9547/800-424-9300(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

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

Ingred Name: TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000 Fraction by Wt: 40-50%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2 ACGIH TLV:S, 50 PP M; 9596

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

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

Fraction by Wt: 15 - 20%

Other REC Limits: NONE RECOMMENDED

Ingred Name:BENZENE (SARA 313) (CERCLA)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 5,000 MG/KG

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

Health Hazards Acute and Chronic:TARGET ORGANS:LIVER, KIDNEY, CNS,

LUNG, HEART. ACUTE- MAY CAUSE EYE IRR

ITATION & 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 Overexposure: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.

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. ORAL: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY. IF CONSCIOUS, DRINK 2 GLASSES OF WATER. NEVER GIVE ANYTIHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:TCC Flash Point:41.0F,5.0C

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 S OURCES

OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVE NT 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 AND OXIDIZERS. 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-APPRO VED

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.

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING OR DRINKING. Supplemental Safety and Health

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 ML/KG OR 350 ML FOR AN AVERAG E ADULT.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:194F.90C

Spec Gravity:0.92 Solubility in Water:SLI

GHT

Appearance and Odor: DARK AMBER LIQUID - TOLUENE ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, SPARKS, FLAME, OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:SULFUR DIOXIDE, CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL , STATE AND

FEDERAL REGULATIONS. RECYCLING OR REUSING IS RECOMMENDED.

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