View NSN Online: https://aerobasegroup.com/nsn/6850-01-447-4075

OCTEL AMERICA INC -- STADIS 450 CONDUCTIVITY IMPROVER

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MSDS Safety Information

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FSC: 6850

NIIN: 01-447-4075 MSDS Date: 03/11/1999 MSDS Num: CJVHP

Product ID: STADIS 450 CONDUCTIVITY IMPROVER

MFN: 02

Responsible Party Cage: 02SG7

Name: OCTEL AMERICA INC Address: 8375 S WILLOW STREET

City: LITTLETON

CO 80124

Info Phone Number: 800-441-9547

Emergency Phone Number: 800-441-9547

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Item Description Information

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Item Manager: S9G

Item Name: ANTISTATIC ADDITIVE

Specification Number: NONE Type/Grade/Class: NONE

Unit of Issue: DR

Quantitative Expression: 00000000055GL

UI Container Qty: 0

Type of Container: DRUM

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Ingredients

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Name: \*\*\* PROPRIETARY \*\*\*

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Health Hazards Data

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

Route Of Entry Inds - Inhalation: YES

Skin: YES Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES OSHA: YES

Effects of Exposure: SKIN CONTACT WITH THE PRODUCT INGREDIENT MAY CAUSE

DEFATTING OF THE SKIN R

**ESULTING IN IRRITATION. INHALATION OF PRODUCT** 

COMPONENTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY PASSAGES. INGESTION MAY CAUSE GASTROINTESTINAL TRACT IRRITATION.EYE CONTACT WITH THE PRODUCT INGREDIENTS MAY CAUSE EYE IRRITATION WITH DISCOMFORT.

Explanation Of Carcinogenicity: THE COMPONENTS ARE LISTED BY

IARC,NTP,OSHA,ACGIH AS CARCINOGENS. A"P" INDICATES A PROPOSED CARCINOGEN. OCTEL CONTROLS THE FOLLOWING MATERIALS AS POTENTIAL CARCINOGENS:

BENZENEMATERIAL BENZENE ALSO LIS TER

AS CARCINOGENS IARC, NTP, OSHA, ACGIH.

Signs And Symptions Of Overexposure: SKIN-DISCOMFORT OR RASH. EYE-DISCOMFORT, TEARING OR BLURRING OF VISION. INHALATION-COUGHING AND DISCOMFORT: POSSIBLY LUNG IRRITATION FOLLOWED BY SEVERE SHORTNESS OF BREATH REQUIRING MEDICAL ATTENTION. MAY CAUSE NAUSEA, HEADACHE OR WEAKNESS OR TEMPORARY NERVOUS SYSTEM

DEPRESSION WITH DIZZINESS, HEADACHE, CONFUSION, INCOORDINATION AND LOSS OF CONSCIOUSNESS.INGESTION-MAY CAUSE ABDOMINAL PAIN, HEARTBUR N, NAUSEA,

VOMITING AND DIARRHEA.ASPIRATION INTO LUNGS MAY RESULT IN CHEMICAL PNEUMONIA.SYMPTOMS INCLUDE COUGHING, GASPING, CHOKING SHORTNESS OF BREATH. Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE CENTRAL NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM, BONE MARROW, LOVER OR KIDNEYS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,

GIVE OXYGEN. CALL A PHYSICIAN. SKIN

CONTACT-FLUSH SKIN WITH WATER AFTER CONTACT. WASH CONTAMIN ATED CLOTHING BEFORE REUSE. EYE CONTACT-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. INGESTION- IF SWALLOWED, DO NOT INDUCE VOMITING. IMMEDIATELY GIVE 2 GLAS SES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

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Handling and Disposal

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Spill Release Procedures: USE APPROPIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP. ELIMINATE SOURCES OF IGNITION HEAT, SPARKS, FLAME, ELECTRICITY, IMPACT & ELECTRICITY, DIKE SPILL. PREVENT MATERIAL FROM ENTERING SEWERS, WATER WAYS OR LOW AREAS. SOAK UP WITH SAWDUST, SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION, & amp; DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL & amp; LOC

AL

REGULATIONS. DO NOT FLUSH TO SURFACE WATER OR SANITARY SEWER SYSTEM. MATERIAL MAY BE A RCRA REGULATED HAZARDOUS WASTE UPON DISPOSAL DUE TO THE IGNITABILITY CHARACTERISTIC.

Handling And Storage Precautions: HANDLING (PERSONNEL)-AVOID BREATHING VAPORS OR MIST. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. WASH THOROUGHLY AFTER HANDLING. STORAGE-STORE IN A WELL VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions: HANDLING (PHYSICAL ASPECT)-GROUND CONTAINER WHEN POURING

KEEP AWAY FROM HEAT, SPARKS AND FLAMES. USE OF NON-SPARKING AND EXPLOSION-PROOF EQUIPMENT MAY BE NECESSARY DEPENDING ON TYPE OF OPERATION.

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Fire and Explosion Hazard Information

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Flash Point Method: PMCC Flash Point: =6.C, 42.8F

Autoignition Temp: =440.C, 824.F

Lower Limits: UNKNOWN Upper Limits: UNKNOWN

Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL, CO2. WATER MAY BE

INE

FFECTIVE FOR FIGHTING FIRE, WATER SPRAY MAY BE USED TO ABSORB MUCH OF THE HEAT AND KEEP EXPOSED MATERIAL FROM BEING DAMAGED

Fire Fighting Procedures: EVACUATE PERSONNEL TO SAFE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE EQUIPMENT. COOL TANK/CONTAINER WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: FLAMMABLE LIQUID. VAPOR FORMS EXPLOSIVE MIXTURE WITH AIR.

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Control Measures

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Respiratory Protection: WHERE THERE IS POTENTIAL FOR AIRBORNE EXPOSURES, WEAR NIOSH/MSHA-APPROVED RESPIRATOR PROTECTION.

Ventilation: KEEP CONTAINER TIGHTLY CLOSED. USE SUFFICIENT VENTILATION TO KEEP EMPLOYEE EXPOSURE BELOW RECOMMENDED LIMITS.

Protective Gloves: IMPERVIOUS GLOVES WHEN POTENTIAL FOR SKIN CONTACT.

Eye Protection: SAFETY GLASSES OR COVERALL CHEMICAL SPLASH GOGGLES&FACE SHIELD WHERE SPLASHING

Other Protective Equipment: APRON, PANTS AND JACKET WHERE THERE

IS POTENTIAL

FOR SKIN CONTACT.

Work Hygienic Practices: WASH CONTAMINATED CLOTHING BEFORE REUSE . FLUSH SKIN WITH WATER AFTER CONTACT.

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.

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Physical/Chemical Properties

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HCC: F2

NRC/State LIC No: NOT RELEVANT

Boiling Point: =90.C, 194.F B.P. Text: @760 MM HG M.P/F.P Text: UNKNOWN Decomp Text: UNKNOWN Vapor Pres: UNKNOWN Vapor Density: UNKNOWN Spec Gravity: 0.92 60/60F Viscosity: UNKNOWN

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

Solubility in Water: SLIGHT

Appearance and Odor: CLEAR DARK AMBER LIQUID - TOLUENE ODOR

Corrosion Rate: UNKNOWN

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: DECOMPOSES WITH HEAT.

Hazardous Decomposition Products: DECOMPOSITION PRODUCTS FORMED: S02

Hazardous Polymerization Indicator: NO

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**Toxicological Information** 

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Toxicological Information: ANIMAL DATA "STANDIS" 450. TOLUENE: INHALATION 4 HR.

ALC: 4,000 PPM IN RATS. SKIN ABSORPTION LD50: 1

2,124 MG/KG RABBITS. ORAL

LD50: 5,580 MG/KG RATS. ISOPROPYL ALCOHOL: ORAL LD50: 4,700 MG/KG IN RATS. INHALATION 4 HR. LC50: 16,000 PPM IN RATS. SKIN ABSORPTION LD50: 12,900 MG/KG. AROMATIC 150: INHALATION 6 HR. LC50: >11.67 MG/L IN RATS. SKIN ABSORPTION LD50: >3,160 MG/KG IN RABBITS. THE PRODUCT IS A SLIGHT SKIN IRRTANT IN ANIMALS. TOLUENE IS A SLIGHT SKIN IRRITANT, IS A MILD EYE IRRITANT, AND IS NOT A SKIN SENSITIZER IN ANIMALS.

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**Ecological Information** 

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Ecological: 96 HOUR LC50, FATHEAD MINNOWS: 12 MG/L.

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**MSDS** Transport Information

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Transport Information: DOT- PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. (CONTAINS TOLUENE & amp; ISOPROPANOL). HAZARD CLASS: 3. I.D. NO (UN/NA): UN 1993. PACKAGING GROUP: II. DOT LABEL: FLAMMABLE LIQUID. IMO- PRO

PER SHIPPING

NAME: FLAMMABLE LIQUID, N.O.S. (CONTAINS TOLUENE & DPROPANOL). HAZARD CLASS: 3.2. I.D. NO (UN/NA): UN 1993. PACKAGING GROUP: II. DOT/IMO LABEL: FLAMMABLE LIQUID. SPECIAL INFORMATION: FLASH POINT: 6 C (42 F). SHIPPING CONTAINERS: STEEL DRUMS: UN1A1/Y/100 (PHENOLIC LINED). REPORTABLE QUANTITY: 1000 LB TOLUENE.

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Regulatory Information

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Sara Title III Informat

ion: DISCLOSURE AS A TOXIC CHEMICAL IS REQUIRED UNDER

SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

Federal Regulatory Information: TSCA INVENTORY STATUS: REPORTED//INCLUDED.

TITLE III HAZARD CLASSIFICATION SECTIONS 311, 312. ACUTE: YES. CHRONIC: NO.

FIRE: YES. REACTIVITY: NO. PRESSURE: NO.

State Regulatory Information: THIS PRODUCT CONTAINS TRACE QUANTITIES (&It;600 PPM) OF BENZENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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Other Information

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Other Information: DINNSA STABILIZER-STADIS IS A REGISTERED TRADEMARK OF OCTEL

AMERICA, INC.

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Transportation Information

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Responsible Party Cage: 02SG7

Trans ID NO: 150455

Product ID: STADIS 450 CONDUCTIVITY IMPROVER

MSDS Prepared Date: 0

3/11/1999
Review Date: 12/02/1999
MFN: 2
Net Unit Weight: 421.5 LBS
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 0
Type Of Container: DRUM

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**Detail DOT Information** 

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DOT PSN Code: GJJ

Symbols: G

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T8,T31
Non Bulk Pack: 202

Bulk P ack: 242

Max Qty Pass: 5L Max Qty Cargo: 60 L Vessel Stow Req: B

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Detail IMO Information

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IMO PSN Code: HIN

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMDG Page Number: 3230

UN Number: 1993 UN Hazard Class: 3.2 IMO Packaging Group: I/II Subsidiary Risk Label: -EMS Number: 3-07

MED First Aid Guide NUM: T

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Detail IATA Infor

mation

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IATA PSN BV

IATA UN ID Num: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. \*

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

**UN Packing Group: II** 

Packing Note Passenger: 305

Max Quant Pass: 5L Max Quant Cargo: 60L Packaging Note Cargo: 307

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Detail AFI Information

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AFI PSN BV AFI Symbols: \*

AFI Proper Shipping Name:

FLAMMABLE LIQUIDS, N.O.S.

AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: STADIS 450 CONDUCTIVITY IMPROVER

Cage: 02SG7

Company Name: OCTEL AMERICA INC

Street: 200 EXECUTIVE DR

City: NEWARK DE Zipcode: 19702

Health Emergency Phone: 800-441-9547

Label Required IND: Y

Date Of Label Review: 12/02/199

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Status Code: A

Year Procured: 1999
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate Contact Hazard: Slight Fire Hazard: Moderate Reactivity Hazard: None

Hazard And Precautions: SKIN CONTACT WITH THE PRODUCT INGREDIENT MAY CAUSE DEFATTING OF THE SKIN RESULTING IN IRRITATION. INHALATION OF PRODUCT

COMPONENTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY PASSAGES. INGESTION

MAY CAUSE GASTROINTESTINAL TRACT IRRITATION.EYE CONTACT WITH THE PRODUCT INGREDIENTS MAY CAUSE EYE IRRITATION WITH DISCOMFORT.

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iability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of si milarity to a corresponding Department of Defense or other government situation.