



UNIPRO STARTING FLUID

MSDS Number

BXNRF

National Stock Number

9150-00F041397

Product Name

UNIPRO STARTING FLUID

Manufacturer

COASTAL CORP THE

Product Identification

Product ID:UNIPRO STARTING FLUID

MSDS Date:09/17/1990

FSC:9150

NIIN:00F041397

MSDS Number: BXNRF

Responsible Party

COASTAL CORP THE

9 GREENWAY PLAZA

HOUSTON , TX 77046-5000

US

Emergency Phone: 713-877-1400/501-735-0020

Info Phone: 501-735-0020/713-877-1400

Preparer: CLIFFORD D SALAWAGE

Cage: G0419

Contractor

COASTAL CORP THE

HOUSTON, TX 77046-5000

US

501-735-0020/713-877-1400

Cage: G0419

Ingredients

CARBON DIOXIDE *95-2*

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 1-10%

OSHA PEL5000 PPM

ACGIH TLV: 9000 MG/CUM

HEPTANE

CAS: 142-82-5

RTECS: MI7700000

Fraction By Weight: 55-70%

OSHA PEL2000 MG/CUM



ACGIH TLV: 1640 MG/CUM

ETHYL ETHER, DIETHYL ETHER, ETHER, ANESTHETIC ETHER

CAS: 60-29-7

RTECS: KI5775000

Fraction By Weight: 10-25%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

HEXANE, N-HEXANE

CAS: 110-54-3

RTECS: MN9275000

Fraction By Weight: 1-10%

OSHA PEL1800 MG/CUM

ACGIH TLV: 176 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: HARMFUL. MAY BE ABSORBED, IRRITATION, DERMATITIS. INHALATION: IRRITATION OF THE RESPIRATORY TRACT, CNS DEPRESSION, DEATH DUE TO RESPIRATORY FAILURE. INGESTION: GI IRRITATION, CNS DEPRESSION, POSSIBLE LIVER/KIDNEY INJURY. ASPIRATION INTO LUNGS MAY CAUSE PNEUMONIA WHICH CAN BE FATAL.

Explanation of Carcinogenicity:SEE INGREDIENTS. HEPTANE IS CLASSIFIED AS A CARDIAC SENSITIZER ACCORDING TO THE COASTAL CORPORATION.

Effects of Overexposure:IRRITATION, VISION IMPAIRMENT, BURNING, ITCHING, HEADACHE, DROWSINESS, DIZZINESS, NUMBNESS OF LIMBS, NAUSEA, VOMITING, SCALING, DRYING, DEFATTING, ANOREXIA.

First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS.

SKIN: WASH W/SOAP & FLUSH W/WATER. INHALATION: REMOVE TO FRESH AIR.

GIVE CPR IF NEEDED. INGESTION: DON'T INDUCE VOMITING. IF

SPONTANEOUS VOMITING OCCURS HOLD HEAD LOWER THAN HIPS TO PREVENT ASPIRATION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:<-58F

Lower Limits:1

Extinguishing Media:DRY CHEMICAL, ALCOHOL-RESISTANT FOAM, CO₂

Fire Fighting Procedures:WATER SPRAY SHOULD BE USED TO KEEP CONTAINERS COOL. WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE LIQUID. VAPOR MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA. VAPORS ARE >AIR WHICH CAN TRAVEL TO IGNITION SOURCES & FLASHBACK.

Accidental Release

Spill Release Procedures:REMOVE FROM HEAT & IGNITION SOURCES. ALLOW TO EVAPORATE. USE APPROVED RESPIRATOR WHERE OCCUPATIONAL EXPOSURE LIMITS MAY BE EXCEEDED.



Handling

Handling and Storage Precautions: STORE IN TIGHTLY CLOSED CONTAINERS IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS/SOURCES OF HEAT/IGNITION SOURCES/STRONG OXIDIZERS.

Other Precautions: GROUND & BOND ALL TRANSFER/STORAGE EQUIPMENT. EMPTY CONTAINERS MAY CONTAIN RESIDUE & CAN BE DANGEROUS. DON'T PRESSURIZE/CUT/PUNCTURE/INCINERATE/WELD/BRAZE/SOLDER/DRILL/GRIND/EXPOSED CONTAINERS. REMOVE CONTACT LENSES.

Exposure Controls

Respiratory Protection: USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT FOR CLEANING LARGE SPILLS/ENTRY INTO LARGE TANKS/VESSELS/OTHER CONFINED SPACES/IN SITUATIONS WHERE EXPOSURE MAY EXCEED OCCUPATIONAL EXPOSURE LEVELS.

Ventilation: ADEQUATE GENERAL & LOCAL EXHAUST VENTILATIONS.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL SAFETY GOGGLES/FACE SHIELDS

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

Chemical Properties

Boiling Pt: B.P. Text: 94F

Vapor Pres: 439

Vapor Density: >1

Spec Gravity: 0.7

Evaporation Rate & Reference: (N-Butyl Acetate = 1): Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR LIQUID W/SOLVENT ODOR.

Percent Volatiles by Volume: 100

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT, SPARKS, FLAME, STATIC ELECTRICITY.

Hazardous Decomposition Products: CO, CO₂.

Disposal

Waste Disposal Methods: DISPOSE THROUGH A LICENSED WASTE DISPOSAL COMPANY IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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