



## **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: GO419

### **Contractor**

COASTAL CORP THE

HOUSTON, TX 77046-5000

US

501-735-0020/713-877-1400

Cage: GO419

### **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, C NS 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 V OMITING 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-BU AC =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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