

PHIBRO ENERGY USA INC -- SOLVENT,350-66 -- 6850-00-274-5421

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===== Product Identification =====

Product ID:SOLVENT,350-66

MSDS Date:12/21/1995

FSC:6850

NIIN:00-274-5421

MSDS Number: CCSSN

=== Responsible Party ===

Company Name:PHIBRO ENERGY USA INC

Address:500 DALLAS AVE SUITE 3200

City:HOUSTON

State:TX

ZIP:77002

Country:US

Info Phone Num:713-646-5135

Emergency Phone Num:713-923-6641/800-424-9300(
CHEMTREC)

Preparer's Name:SUE BOTTOM

CAGE:0V310

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:MAGNOLIA CHEMICALS AND SOLVENTS

Address:1020 SAMS AVENUE

Box:10276

City:NEW ORLEANS

State:LA

ZIP:70181-0

278

Country:US

Phone:504-733-6600

CAGE:0LNB7

Company Name:PHIBRO ENERGY USA INC

Address:500 DALLAS AVE SUITE 3200

Box:City:HOUSTON

State:TX

ZIP:77002

Country:US

Phone:713-923-6641, CHEMTREC800-424-9300

CAGE:0V310

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

Ingred Name:NONANE/N-NONANE

CAS:111-84-2

RTECS #:RA6115000

Fraction by Wt: 2 - 6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM; 9596

Ingred Name:OCTANE/N-OCTANE

CAS:111-65-9

RTECS #:RG8400000

Fraction by Wt: 400F

Lower Limits:0.9%

Upper Limits:6.0%

Extinguishing Media:USE WATER FOG/SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE. PRODUCT MAY FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY

RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, OTHER SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO FLAME, SPARKS. AVOID REPEATED OR PROLONGED SKIN CONTACT. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST. WASH THOROUGHLY AFTER HANDLING.

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).

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

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health
PERCENTAGE & NAME CHANGED. NOTE TO PHYSICIAN:IN CASE OF INGESTION, GASTRIC LAVAGE WITH ACTIVATED CHARCOAL CAN BE USED. USE OF AN INTRATRACHEAL

TUBE PREVENTS ASPIRATION. INDIVIDUALS INTOXICATED SHOULD BE HOSPITALIZED FOR OBSERVATION (DELAYED EFFECTS ON BLOOD, HEART & LUNGS). HEART MAY BE SENSITIZED TO CATECHOLAMINES.

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:350F - 400F

Vapor Pres:81 @ 100F

Vapor Density:>1

Spec Gravity:0.79

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER-WHITE LIQUID; MILD HYDROCARBON ODOR

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===== Stabi

lity and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, CAUSTICS, HALOGENS

Stability Condition to Avoid: HEAT, SPARKS, FLAMES, STATIC ELECTRICITY

AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,

REACTIVE HYDROCARBONS (ALDEHYDES, AROMATICS, ETC.) MAY BE FORMED.

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

Waste Disposal Methods: RECLAIM BY DISTILLATION OR INCINERATE ABSORBED

MATERIALS IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD

BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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