

PHIBRO ENERGY USA INC -- 300-66A SOLVENT -- 6850-00-274-5421

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Product Identification
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Product ID:300-66A SOLVENT

MSDS Date:11/30/1992

FSC:6850

NIIN:00-274-5421

MSDS Number: BTQYN

=== 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:713-923-6641,800-424-930

0(CHEMTREC)

Preparer's Name:SUE BOTTOM

CAGE:0V310

=== Contractor Identification ===

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: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
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Ingred Name:STODD

ARD SOLVENT
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 86-97%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9394

Ingred Name:N-NONANE
CAS:111-84-2
RTECS #:RA6115000
Fraction by Wt: 1-6%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM; 9394

Ingred Name:N-OCTANE
CAS:111-65-9
RTECS #:RG8400000
Fraction by Wt: 1-3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:300 PPM/375STEL;9394

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III)
CAS:9
5-63-6
RTECS #:DC3325000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9394

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: SEVERE IRRITATION,
CONJUNCTIVITIS. SKIN: MODERATE IRRITATION. INHALATION: NASAL AND
RESPIRATORY TRAC

T IRRITATION, CNS EFFECTS, LOSS OF CONSCIOUSNESS, COMA, RESPIRATORY ARREST, DEATH. INGESTION: HARMFUL/FATAL IF SWALLOWED. CHRONIC: DERMATITIS, ANEMIA, IRREGULAR HEART RHYTHM, BEHAVIORAL CHANGES, DEATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DEFATTING, INFLAMMATION, DERMATITIS, INFECTION. HIGH PRESSURE SKIN INJECTIONS ARE SERIOUS MEDICAL EMERGENCIES. INHALATION: IRRITATION, CNS EFFECTS, DIZZINESS, DROWSINESS, NAUSEA

AND HEADACHE, CONVULSIONS, COMA, DEATH. INGESTION: NAUSEA, VOMITING, DIARRHEA, GI UPSET, HARMFUL CNS EFFECTS.

Medical Conditions Aggravated by Exposure:PREEXISTING EYE, SKIN, HEART, CNS, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP

AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:105F,41C

Autoignition Temp:Autoignition Temp Text:>400F

Lower Limits:0.9

Upper Limits:6.0

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE. CONSULT FOAM MANUFACTURER FOR APPROPRIATE MEDIA APPLICATION RATES/WATER FOAM RATIO.

CTURER FOR APPROPRIATE MEDIA APPLICATION RATES/WATER FOAM RATIO.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.COOL FIRE EXPOSED CONTAINERS AND PROTECT PERSONNEL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS FORM FLAMMABLE/EXPLOSIVE MIXTURES WITH AIR AT ROOM TEMPERATURES. VAPORS MAY SPREAD TO DISTANT IGNITION SOURCES AND FLASH BACK OR EXPLODE.

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

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Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. STOP SOURCE OF LEAK. DIKE TO PREVENT FROM ENTERING SEWERS, STORM DRAINS AND NATURAL WATERWAYS. VACUUM OR PUMP TO SAL VAGE VESSEL. ABSORB RESIDUE IN ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN COOL,

DRY, ISOLATED AND WELL VENTILATED AREA AWAY FROM HEAT, SOURCES OF IGNITION, AND INCOMPATIBLE MATERIALS.

Other Precautions:USE NON-SPARKING TOOLS AND EXPLOSION PROOF EQUIPMENT. GROUND LINES, CONTAINERS, AND OTHER EQUIPMENT USED DURING PRODUCT TRANSFER TO REDUCE POSSIBILITY OF A STATIC INDUCED SPARK. DO NOT TRANSFER TO ANO THER CONTAINER UNLESS PROPERLY LABELED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF EXPOSURE EXCEEDS OCCUP ATIONAL EXPOSURE

LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR. PROPER RESPIRATOR SELECTION SHOULD BE BASED ON THE CONTAMINANTS, DEGREE OF POTENTIAL EXPOSURE AND PUBLISHED RESP IRATORY PROTECTION FACTORS.

Ventilation:USE ADEQUATE, EXPLOSION-PROOF, LOCAL AND/OR MECHANICAL (GENERAL) VENTILATION TO HOLD EXPOSURE BELOW ALLOWABLE TLV/PEL.

Protective Gloves:PROTECTIVE GLOVES TO MINIMIZE EXPOSURE.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:DO NOT WEAR CONTACT LE NSES. WEAR IMPERVIOUS

CLOTHING TO MINIMIZE CONTACT. PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

VESSELS AND CONFINED SPACES SHOULD BE FREED OF VAPORS BEFORE ENTERING. AREA SHOULD BE CHECKED WITH EXPLOSIMETER AND OXYGEN METER BEFORE ENTERING. EMPTY CONTAINERS MAY CONTAIN TOXIC, FLAMMABLE OR EXPLO SIVE RESIDUES OR VA

PORS. DO NOT CUT, GRIND, DRILL, WELD, OR REUSE
EMPTY CONTAINERS THAT CONTAINED THIS PRODUCT.

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

HCC:F4

Boiling Pt:B.P. Text:400F,204C

Vapor Pres:0.1 PSI

Vapor Density:5.0

Spec Gravity:0.77

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER WHITE LIQUID. MILD HYDROCARBON ODOR.

Percent Volatiles by Volume:MODERA

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

Stability Indicator/Materials to Avoid:Y

ES

STRONG OXIDIZING AGENTS (PEROXIDE, DICHROMATE, PERMANGANATE, CHLORINE,
ETC.), STRONG ACIDS, CAUSTICS, HALOGENS.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS OF USE.

AVOID HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
REACTIVE HYDROCARBONS (ALDEHYDES, AROMATICS, ETC.).

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste

Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS. CONTACT FIRE AUTHORITIES AND APPROPRIATE
FEDERAL, STATE AND LOCAL AGENCIES. IF SPILL IS MADE INTO NAVIGABLE
WATERS OR SHORELINE, NOTIFY NATIONAL RESPONSE CENTER,
800-424-8802.

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