

I-14-408, JP-5

MSDS Number

CLJYT

National Stock Number

-

Product Name

I-14-408, JP-5

Manufacturer

EXXON INTERNATIONAL CO CARGO TRADING DEPT

Product Identification

Product ID:I-14-408, JP-5

MSDS Date:07/25/1996

FSC:NIIN:Submitter:D RV

Status Code:A

MSDS Number: CLJYT

Responsible Party

EXXON INTERNATIONAL CO,CARGO TRADING DEPT

200 PARK AVE

FLORHAM PARK , NJ 07932-1002

US

Emergency Phone: 973-765-5000

Info Phone: 201-765-5000, 908-966-7893

Cage: 9X193

Contractor

EXXON INTERNATIONAL CO,CARGO TRADING DEPT

FLORHAM PARK, NJ 07932-1002

US

201-765-5000, 908-966-7893

Cage: 9X193

Ingredients

KEROSINE

CAS: 8008-20-6

RTECS: OA5500000

Hazards

LD50 LC50 Mixture:ORAL RAT LD50: >5000MG/KG

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

Health Hazards Acute and Chronic:INHALTION: IN HIGH CONCENTRATIONS AND/OR AT ELEVATED TEMPERATURES, VAPOR/MIST IS IRRITATING TO MUCOUS MEMBRANES, MAY CAUSE HEADACHES AND DIZZINESS. MAY BE ANESTHETIC AND MAY CAUSE CENTRAL NERVOUS SYST EM EFFECTS. ELEVATED TEMPERATURES OR MECHANICAL ACTION MAY FORM VAPORS/MIST/FUMES WHICH MAY BE IRRITATING TO EYE/NOSE/THROAT AND LUNGS. AVOID BREATHING VAPOR/MIST OR FUMES. SKIN/INGESTION: LOW ORDER O F ACUTE TOXICITY.IRRITATING TO SKIN AN DMAY CAUSE SKIN TUMORS. EYE: SLIGHTLY IRRITATING, BUT DOES NOT INJURE EYE TISSUE. MINUTE AMOUNTS ASPIRATED INTO LUNGS DURING INGESTION/VOMITING MAY CAUSE SEVERE PULMONARY INJURY AND DEATH.

Explanation of Carcinogenicity:THIS PRODUCT SHOULD NOT PRESENT A

CARCINOGENIC HAZARD TO HUMANS (PER MSDS).

Effects of Overexposure: INHALTION: NEGLIGIBLE HAZARD AT AMBIENT HANDLING TEMPERATURES. IN HIGH CONCENTRATIONS AND/OR AT ELEVATED TEMPERATURES, VAPOR/MIST IS IRRITATING TO MUCOUS MEMBRANES, MAY CAUSE HEADACHES AND DIZZINESS. MAY BE ANESTHETIC AND MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. ELEVATED TEMPERATURES OR MECHANICAL ACTION MAY FORM VAPORS/MIST/FUMES WHICH MAY BE IRRITATING TO EYE/NOSE/THROAT AND LUNGS. AVOID BREATHING VAPOR/MIST OR FUMES. SKIN/INGESTION: LOW ORDER OF ACUTE TOXICITY. EYE: SLIGHTLY IRRITATING, BUT DOES NOT INJURE EYE TISSUE. MINUTE AMOUNTS ASPIRATED INTO LUNGS DURING INGESTION/VOMITING MAY CAUSE SEVERE PULMONARY INJURY AND DEATH.

First Aid

First Aid: INHALTION: IN EMERGENCY SITUATIONS USE PROPER RESPIRATORY PROTECTION TO IMMEDIATELY REMOVE THE AFFECTED VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. REMOVE CONTAMINATED CLOTHING, INCLUDING SHOES, AFTER FLUSHING HAS BEGUN. IF IRRITATION OCCURS GET MEDICAL ATTENTION. EYE: RINSE IMMEDIATELY WITH PLENTY OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION OCCURS GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING SINCE IT IS IMPORTANT THAT NO AMOUNT OF THE MATERIAL ENTER THE LUNGS

Fire Fighting

Flash Point Method: TCC

Flash Point: >60.C, 140.F

Autoignition Temp: =250.C, 482.F

Lower Limits: 1.0

Upper Limits: 6.0

Extinguishing Media: FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE.

Fire Fighting Procedures: WATER FOG/SPRAY TO COOL FIRE-EXPOSED SURFACES & TO PROTECT PERSONNEL, SHOULD ONLY BE USED BY PERSONNEL TRAINED IN FIRE FIGHTING. CUT OFF "FUEL" DEPENDING UPON CIRCUMSTANCES, EITHER ALLOW THE FIRE TO BURN OUT UNDER CONTROLLED CONDITIONS OR USE FOAM OR DRY CHEMICAL POWDER TO EXTINGUISH THE FIRE. USE EYE AND RESP PROTECTION

Unusual Fire/Explosion Hazard: COMBUSTIBLE MATERIAL. LOW HAZARD. THE PRODUCT CAN FORM FLAMMABLE MIXTURES OR CAN BURN ONLY ON HEATING ABOVE THE FLASH POINT. MINOR CONTAMINATION BY HYDROCARBONS OF HIGHER VOLATILITY MAY INCREASE THE HAZARD. STATIC DISCHARGE; MATERIAL CAN ACCUMULATE STATIC CHARGES WHICH MAY CAUSE AN INCENDIARY ELECTRICAL DISCHARGE.

Accidental Release

Spill Release Procedures: RECOVER BY SKIMMING OR PUMPING USING EXPLOSION-PROOF EQUIPMENT, OR CONTAIN SPILLED LIQUID WITH BOOMS, SAND, OR OTHER SUITABLE ABSORBENT AND REMOVE MECHANICALLY INTO CONTAINERS. DISPOSE OF ABSORBED RESIDUES AS DIRECTED IN DISPOSAL REGULATIONS. PREVENT LIQUID FROM ENTERING SEWERS, WATER SOURCES OR LOW LYING AREAS.

Handling

Handling and Storage Precautions: THE DESIGN AND STORAGE OF BULK STORAGE AND FUEL SYSTEMS MUST COMPLY WITH NATIONAL LEGISLATION AND RECOGNIZED CODES OF GOOD PRACTICE. IN SMALLER QUANTITIES, CONTAINERS SUCH AS DRUMS SHOULD BE STORED IN COOL, WELL VENTILATED SURROUNDINGS, AWAY FROM ALL SOURCES OF IGNITION.

Other Precautions: USE THE CORRECT GROUNDING PROCEDURE. ENSURE COMPLIANCE WITH STATUTORY FOR STORAGE AND HANDLING. ELECTRICAL EQUIPMENT AND FITTINGS MUST COMPLY WITH LOCAL FIRE PREVENTION REGULATIONS FOR THIS CLASS OF FLAMMABLE PRODUCT.

Exposure Controls

Respiratory Protection: WHEN CONCENTRATIONS IN AIR MAY EXCEED THE OCCUPATIONAL EXPOSURE LIMIT, AND WHERE ENGINEERING, WORK PRACTICES

OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, APPROVED RESPIRATORS MAY BE REQUIRED .
Protective Gloves:CHEMICALLY IMPERVIOUS GLOVES
Eye Protection:SAFETY GOGGLES
Other Protective Equipment:CHEMICAL-RESISTANT OVERALLS, LONG SLEEVES
Supplemental Safety and Health
RESPIRATORY AND EYE PROTECTION REQUIRED FOR FIRE FIGHTING PERSONNEL EXPOSED TO FUMES OR SMOKE.

Chemical Properties

HCC:V6
Boiling Pt: =300.C, 572.F
Vapor Pres:Vapor Density:>AIR
Viscosity:2@20C
Evaporation Rate & Reference:VERY LOW (NBUAC=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR AND BRIGHT; NO SPECIFIED LIMITS FOR COLOR

Stability

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE AND CONCENTRATED OXYGEN.
Stability Condition to Avoid:KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:PRODUCT DOES NOT DECOMPOSE AT AMBIENT TEMPERATURES.

Disposal

Waste Disposal Methods:THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS. COLLECT AND DISPOSE OF IT AT AN AUTHORIZED DISPOSAL FACILITY, IN CONFORMANCE WITH NATIONAL AND LOCAL REGULATIONS, AND IN ACCORDANCE WITH EEC DIRECTIVES ON HAZARDOUS WASTE.LOAD/UNLOAD/STORE AT AMBIENT TEMPERATURE.

Toxicology

Toxicological Information:INHALATION:NEGLIGIBLE HAZRD AT AMBIENT TEMPERATURE.IN HIGH CONCENTRATIONS AND/OR AT ELEVATED TEMPERATURES, VAPOR OR MIST IS IRRITATING TO MUCOUS MEMBRANES, MAY CAUSE HEADACHES AND DIZZINESS, MAY BE AN ESTHETIC AND MAY CAUSE OTHER CNS EFFECTS. VAPOURS, MISTS, OR FUMES MAY BE IRRITATING TO THE EYES,NOSE,THROAT & LUNGS.SKIN CONTACT:LOW ORDER OF ACUTE TOXICITY. IRRITATING. EYE CONTACT: SLGIHTLY IRRITA TING.INGESTION: MINUTE AMOUNT ASPIRATED INTO LUNGS DURING INGESTION OR VOMITING MAY CAUSE SEVERE PULMONARY INJURY AND DEATH.ACUTE TOXICITY: ORAL :LD50 > 5000 MG/KG (RAT) DERMAL: LD50 > 2000 MG/KG (RAB BIT). INHALATION:> 2500 MG/M3 (RAT)

Other Information

Disclaimer (provided with this information by the compiling agencies):
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Ecology

Ecological:THIS ASSESSMENT IS BASED ON INFORMATION FOR GENERAL HYDROCARBON COMPONENTS FOUND IN DISTILLATE FUELS. DISTILLATE FUELS RELEASED INTO THE ENVIRONMENT WILL VOLATILIZE INTO THE ATMOSPHERE AND DISPERSE. T HEY CAN ALSO LEACH INTO THE SOIL AND SOLUBILIZE INTO WATER.BASED ON CHEMICAL/PHYSICAL AND BIOLOGICAL DATA FROM THE LITERATURE FOR SELECTED COMPONENTS IN THIS PRODUCT, HARMFUL EFFECTS TO TERRESTRIAL AN D AQUATIC HABITIATS COULD OCCUR.THE MAJORITY OF THE COMPONENTS IN THIS PRODUCT WOULD BE EXPECTED TO BIODEGRADE AT SLOW TO MODERATE RATES AND WOULD NOT BE EXPECTED TO PERSIST IN THE

ENVIRONMENT.

Transport

Transport Information:USUAL SHIPPING CONTAINERS:TANKERS, RAIL CARS,
TANK TRUCKS,DRUMS. TRANSPORT TEMPERATURE DEG C: AMBIENT. IMO CLASS:
3.3. ADR CLASS: 3 ITEM NO 31 ? HIN 30. UN NUMBER: 1863

Regulatory

Federal Regulatory Information:EC:RISK AND SAFETY ADVICE: HARMFUL: MAY
CAUSE LUNG DAMAGE IF SWALLOWED. IRRITATING TO SKIN. HARMFUL TO
AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE
AQUATIC ENVIRONMENT. KEEP AWAY FROM SOURCES OF IGNITION-NO
SMOKING. AVOID CONTACT WITH SKIN. AVOID RELEASE TO THE ENVIRONMENT.
IF SWALLOWED DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE
IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL. REFER TO YOUR
NATIONAL LEGISLATION IMPLEMENTING THE EC DIRECTIVE 91/155/EC
State Regulatory Information:EC:RISK AND SAFETY ADVICE: HARMFUL: MAY
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AQUATIC ENVIRONMENT. KEEP AWAY FROM SOURCES OF IGNITION-NO
SMOKING. AVOID CONTACT WITH SKIN. AVOID RELEASE TO THE ENVIRONMENT.
IF SWALLOWED DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE
IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL. REFER TO YOUR
NATIONAL LEGISLATION IMPLEMENTING THE EC DIRECTIVE 91/155/EC