

CHARTER CHEMS./CHARTER INTERN.OIL(CHEM.COMMOD.DIST -- N-HEPTANE -- 6810-00-470-4631  
===== Product Identification =====

Product ID:N-HEPTANE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-470-4631

MSDS Number: BDZPV

=== Responsible Party ===

Company Name:CHARTER CHEMS./CHARTER INTERN.OIL(CHEM.COMMOD.DIST

Address:8938 MANCHESTER ST

Box:5008

City:HOUSTON

State:TX

ZIP:77012-2149

Country:US

Emergency Phone Num:

NONE

CAGE:LO420

=== Contractor Identification ===

Company Name:CHARTER CHEMS./CHARTER INTERN.OIL(CHEM.COMMOD.DIST

Address:8938 MANCHESTER ST

Box:5008

City:HOUSTON

State:TX

ZIP:77012-2149

Country:US

CAGE:LO420

Company Name:CHARTER INTERNATIONAL OIL CO

Address:8938 MANCHESTER ST

Box:5008

City:HOUSTON

State:TX

ZIP:77012-2149

Country:US

CAGE:60776

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

Ingred Name:N-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: 100%

OSHA PEL:

500 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9293

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Hazards Identification  
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Effects of Overexposure:OVEREXPOSURE TO VAPORS MIGHT AFFECT CENTRAL NERVOUS SYSTEM & CAUSE RESPIRATORY IRRITATION.

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First Aid Measures  
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First Aid:SKIN: WASH W/SOAP & WATER, AN EMOLLIENT CREAM OR LOTION IS BENEFICIAL; EYES:WASH W/PLENTY OF WATER FOR 5 MINUTES; INHALATION: PROVIDE FRESH AIR & REST; USE ARTIFICIAL RESPIRATION IF NEEDED; INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN

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Fire Fighting Measures  
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Flash Point:25 F /-3.9C ,TCC  
Lower Limits:1.0  
Upper Limits:6.8  
Extinguishing Media:MECHANICAL FOAM, DRY CHEMICAL, WATER FOG, CARBON DIOXIDE  
Fire Fighting Procedures:A STRAIGHT WATER STREAM WOULD SPREAD OIL FIRES  
Unusual Fire/Explosion Hazard:VAPOR ACCUMULATION WOULD FLASH AND/OR EXPLODE IF IGNITED

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Accidental Release Measures  
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Spill Release Procedures:AVOID OPEN FLAME & OTHER POSSIBLE IGNITION SOURCES; PROVIDE ADEQUATE VENTILATION; COLLECT MATERIAL WITH APPROPRIATE ABSORBENT & PLACE IN APPROVED CONTAINER. DO NOT FLUSH TO SEWER OR CLOSED DRAINS.

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Handling and Storage  
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Handling and Storage Precautions:HANDLE AS A VERY FLAMMABLE LIQUID  
Other Precautions:USE PRECAUTIONS AS FOR GASOLINE

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Exposure Controls/Personal Protection  
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Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IN  
INADEQUATELY VENTILATED AREA.

Ventilation:AS REQUIRED TO MAINTAIN AIR QUALITY(INGRED.CONC.)BELOW TLV

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:AS REQUIRED TO AVOID CONTACT WITH CLOTHING &  
SKIN

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:205-211 F

Vapor Pres:32

Vapor Density:3.45

Spec Gravity:0.698

Evaporation Rate & Reference:(BU-AC =1) : 4.2

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER WHITE LIQUID; MILD ALIPHATIC HYDROCRBN ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID STRONG OXIDIZING AGENTS, CORROSIVES

Stability Condition to Avoid:SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE BY INCINERATION IAW APPROPRIATE FEDERAL,  
STATE AND LOCAL REGULATIONS.

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