

ISCO INC -- HEXANES -- 6810-00-949-0257

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

Product ID:HEXANES
MSDS Date:01/01/1987
FSC:6810
NIIN:00-949-0257
MSDS Number: BNRGQ
=== Responsible Party ===
Company Name:ISCO INC
Address:531 WESTGATE BOULEVARD
City:LINCOLN
State:NE
ZIP:68501
Country:US
Info Phone Num:402-464-0231
Emergency Phone Num:402-464-0231
CAGE:23307
=== Contractor Identification ===
Company Name:ISCO INC
Address:531 WESTGATE BOULEVARD
Box:City:LINCOLN
State:
NE
ZIP:68501
Country:US
Phone:402-464-0231
CAGE:23307

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

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: >99%
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY I

IRRITATE EYES, NASAL AND
RESPIRATORY PASSAGES. MAY CAUSE DIZZINESS, NAUSEA, UNCONSCIOUSNESS,
TISSUE DEFATTING, AND DERMATITIS. CAN ALSO CAUSE PERIPHERAL
POLYNEUROPATHY, A PROGRESSIVE DISORDER OF THE NERVOUS SYSTEM
WHICH MAY BECOME IRREVERSIBLE FOLLOWING SUFFICIENTLY HIGH EXPOSURE.
(PAINTERS' SYNDROME)

Explanation of Carcinogenicity: THIS PRODUCT IS NOT LISTED BY NTP, IARC,
OR OSHA

Effects of Overexposure: NO INFORMATION GIVEN ON MSDS BY SUPPLIER. SEE
HEALTH HAZARDS.

Medical Condition Aggravated by Exposure: SUPPLIER DID NOT ADDRESS THIS
FIELD.

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

First Aid: EYES: FLUSH WITH WATER; GET MEDICAL ASSISTANCE. SKIN: WASH
WITH SOAP/WATER. GET MEDICAL ASSISTANCE. INHALED: REMOVE TO FRESH
AIR; GIVE OXYGEN AND ARTIFICIAL RESPIRATION IF NECESSARY; GET
MEDICAL ASSISTANCE. INGESTED: DO NOT INDUCE VOMITING. GET MEDICAL
ASSISTANCE.

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

Flash Point Method: TCC
Flash Point: -7F, -22C
Autoignition Temp: Autoignition Temp Text: 225C
Lower Limits: 1.2
Upper Limits: 7.5
Extinguishing Media: DRY CHEMICALS, FOAM, CO2
Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS MAY BE
REQUIRED.
Unusual Fire/Explosion Hazard: CONFINED MATERIAL CAN EXPLODE UPON
HEATING.

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

Spill Release Procedures: ELIMINATE IGNITION SOURCES. WIPE UP OR ABSORB
EXCESS AND FLUSH

SH AREA WITH WATER.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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Handling and Storage
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Handling and Storage Precautions:USE CAUTION WHEN HANDLING OR CLEANING
EMPTY DRUMS; "EMPTY" CONTAINERS MAY RETAIN DANGEROUS PRODUCT
RESIDUE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:DO NOT HANDLE OR STORE NEAR, SPARKS, FLAME OR STRONG
OXIDIZERS.

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Exposure Controls/Personal Protection
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Respi

ratory Protection:NO EQUIPMENT SPECIFIED BY MANUFACTURER.

Ventilation:EXPLOSION-PROOF GENERAL, MECHANICAL, EXHAUST.

Protective Gloves:PROTECTIVE

Eye Protection:FACE SHIELD

Other Protective Equipment:CHEMICAL RESISTANT APRON.

Work Hygienic Practices:NO SMOKING OR OPEN LIGHTS.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:B.P. Text:149F,65C

Vapor Pres:125 MM

Vapor

Density:3.0

Spec Gravity:0.6603

Evaporation Rate & Reference:9.0 BUTYL ACETATE=1

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR COLORLESS LIQUID, WITH CHARACTERISTIC ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:VAPOR CONTACT WITH SPARK, FLAME, OR HOT
SURFACE.

Hazardous Decomposition Products:CO2

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Disposal Considerations
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Waste Disposal Methods: TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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