

MALLINCKRODT,INC -- LIGROINE -- 6810-00-584-3079

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

Product ID:LIGROINE

MSDS Date:10/28/1988

FSC:6810

NIIN:00-584-3079

MSDS Number: BFGKP

=== Responsible Party ===

Company Name:MALLINCKRODT,INC

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:MO

ZIP:63134

Country:US

Info Phone Num:714-864-2310 (CHEMICAL COMMODITIES)

Emergency Phone Num:314-895-0123

CAGE:DO8

80

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:MALLINCKRODT INC

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:MO

ZIP:63134

Country:US

Phone:314-539-1600

CAGE:37940

Company Name:MALLINCKRODT,INC.,SCIENCE PRODUCTS DIV.

Box:BOX M

City:PARIS

State:KY

ZIP:43061

Country:US

CAGE:DO880

===== Composition/Information on Ingre

dients =====

Ingred Name:MIXTURE OF LIGHT ALIPHATIC HYDROCARBONS
Other REC Limits:500 PPM

Ingred Name:OTHER COMPONENTS (NOT SPECIFIED)

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND
RESPIRATORY TRACT;VAPORS MAY CAUSE LIGHTHEADEDNESS,NAUSEA AND
STUPOR,CHRONIC :NO DATA AVAILABLE
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medica
I Cond Aggravated by Exposure:NO DATA AVAILABLE

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

First Aid:INHALATION:REMOVE TO FRESH AIR;CONSULT A
PHYSICIAN.INGESTION:DO NOT INDUCE VOMITING,CALL/A PHYSICIAN
IMMEDIATELY.EYE AND SKIN:FLUSH WITH PLENTY OF WATER FOR ABOUT 15
MINUTES.CALL A PHYSICIAN.

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

Flash Point:=-45.6C, -50.F
Lower Limits:1.1
Upper Limits:5.9
Extinguishing Media:DRY CHEMICAL,FO
AM,CO*2.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.
Unusual Fire/Explosion Hazard:CAN IGNITE UNDER ALMOST AMBIENT
TEMPERATURE CONDITIONS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION:ELIMINATE ALL
IGNITION SOURCES.USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER
FOR PROPER DISPOSAL.

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

Handling and Sto

Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA.KEEP AWAY FROM HEAT,OPEN FLAMES.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST,IF ABOVE PEL/TLV.

Ventilation:LOCAL/MECHANICAL TO MAINTAIN PEL/TLV.

Protective Gloves:RUBBER (IMPERVIOUS)

Eye Protection:SPLASH PROOF GOGGLES

Other Protective Equipment:LAB COAT,EYE-WASH FOUNTAIN

Work Hygienic Practices:AVOID CONTACT WITH EYES AND
SKIN;DO NOT BREATHE

VAPORS /MIST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=36.7C, 98.F

B.P. Text:98-135F

Vapor Pres:760 MMHG

Vapor Density:2.5

Spec Gravity:0.644

Evaporation Rate & Reference:1.25 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER LIKE LIQUID;ODOR LIKE GASOLINE

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS.

Stability Condition to Avoid:HEAT,OPEN FLAME,SPARKS.

Hazardous Decomposition Products:OXIDES OF CARBON.

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

Waste Disposal Methods:DISPOSAL OR INCINERATION MUST BE IN ACCORDANCE
WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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