

HOWELL HYDRICARBONS, INC. -- CALIBRATION FLUID -- 6850-00-264-5771

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

Product ID:CALIBRATION FLUID

MSDS Date:01/01/1987

FSC:6850

NIIN:00-264-5771

MSDS Number: BDQKH

=== Responsible Party ===

Company Name:HOWELL HYDRICARBONS, INC.

Address:7811 S PRESA

City:SAN ANTONIO

State:TX

ZIP:78223-9206

Country:US

Info Phone Num:512-533-2542/512-533-8111

Emergency Phone Num:512-

533-2542/512-533-8111

CAGE:KO975

=== Contractor Identification ===

Company Name:HOWELL HYDRICARBONS, INC.

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Phone:512-533-2542/512-533-8111

CAGE:8A906

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

Ingred Name:PETROLEUM HYDROCARBONS

Fraction

by Wt: 100%

=====  
Hazards Identification  
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Effects of Overexposure:INHALED:HIGH VAP CONC:LEAD TO  
DIZZ,HEADACH,UNCONS.PROLONGED OR REPEATED  
CONTACT-DEFATS,IRRITATS,DERM

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First Aid Measures  
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First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG  
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH  
W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE  
VOMIT.  
NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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

Flash Point:103F/39.4C TCC  
Lower Limits:1.0  
Upper Limits:6.0  
Extinguishing Media:CO\*2, FOAM, DRY CHEM & H\*2O FOG.  
Fire Fighting Procedures:USE AIR-SUPPLIED RESCUE EQUIP FOR ENCLOSED  
AREAS.  
Unusual Fire/Explosion Hazard:DO NOT STORE OR MIX WITH STRONG OXIDANTS.

=====  
Accidental Release Measures  
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Spill Release Procedures:RMV IGNIT SOURCES. EVAC  
UATE & VENTILATE AREA.  
WEAR SCBA. RECOVER FREE LIQUID, ADD ABSORB TO SPILL AREAS. KEEP OUT  
OF PUBLIC SEWERS, STREAMS, AND WATERWAYS.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW  
FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS  
CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING  
Other Precautions:VENTILATION-SPECIAL-USE ONLY WITH ADEQUATE  
VENTILATION.NO SMOKING OR OPEN L

IGHTS.AVOID BREATHING

VAPORS;PROLONGED OR REPEATED CONTACT.WASH BEFORE REUSING  
CLOTHING.MASK SKIN W SOAP AND WATER.

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

Respiratory Protection:HYDROCARBON VAPOR CANISTR MASK OR SUPPLIED AIR  
MASK.

Ventilation:LOCAL EXHAUST AT 60 FPM.MECHANICAL-EXPLOS PROOF VENT EQUIP.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS APRON.

Supplemental Safety and Health

MSDS REV 2-20-86. T

Y II MATL I/A/W MIL-C-7024

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

HCC:F4

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:10

Vapor Density:5

Spec Gravity:0.77

Evaporation Rate & Reference:0.2(BU AC=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR COLORLESS LIQUID, MINERAL SPIRITS ODOR.

Percent Volatiles by Volume:99.3

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

St

ability Condition to Avoid:NONE

Hazardous Decomposition Products:INCOMPLETELY BURNED CARBON PRODUCTS,  
CO\*2, CO.

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

Waste Disposal Methods:INCINERATE I/A/W ALL FEDERAL, STATE, & LOCAL  
REGULATIONS.

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