

HOWZE-DEAL ENVIROMNENTAL CORP -- CALIBRATION FLUID -- 6850-00-656-0810

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

Product ID:CALIBRATION FLUID

MSDS Date:07/26/1982

FSC:6850

NIIN:00-656-0810

MSDS Number: BFJZQ

=== Responsible Party ===

Company Name:HOWZE-DEAL ENVIROMNENTAL CORP

Address:4020 COTTAGE GROVE AVE SE

Box:429

City:CEDAR RAPIDS

State:IA

ZIP:52403

Country:US

Info Phone Num:319-362-6468

Emergency P

hone Num:319-362-6468

Preparer's Name:ROBERT W HAUGEN

CAGE:0Z2Y3

=== Contractor Identification ===

Company Name:HOWELL HYDROCARBONS, INC.

Address:7811 S PRESA

Box:City:SAN ANTONIO

State:TX

ZIP:78223-9206

Country:US

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

CAGE:8A906

Company Name:HOWZE-DEAL ENVIROMNENTAL CORP

Address:4020 COTTAGE GROVE AVE SE

Box:429

City:CEDAR RAPIDS

State:IA

ZIP:52403

Country:US

CAGE:0Z2Y3

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

Ingred Name:PETROLEUM HYDRO

CARBONS

Ingred Name:AROMATIC HYDROCARBONS

Fraction by Wt: 7.5-8%

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION: DIZZINESS, HEADACHES TO UNCONSCIOUSNESS. SKIN: DRY, DEFAT LEADING TO IRRITATION & DERMATITIS.

Explanation of Carcinogenicity:NONE

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

F

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR STOPPED, START RESUSCITATION, ADMINISTER OXYGEN. INGESTION: DON'T INDUCE VOMITING. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:TCC

Flash Point:103F

Lower Limits:1%

Upper Limits:6%

Extinguishing Media:FOAM, DRY CHEMICAL, CO2, WATER SPRAY OR FOG.

Fire Fighting Procedures:USE AIR-SUPPLIED RESCUE EQUIPMENT FOR ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:DO NOT STORE OR MIX WITH STRONG OXIDANTS. COMBUSTIBLE LIQUID.

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

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. KEEP PEOPLE AWAY, RECOVER FREE LIQUID, ADD ABSORBENTS TO SPILL AREAS. VENTILATE ENCLOSED SPACES. OPEN ALL WINDOWS & DOORS. KEEP PETROLEUM PRODUCTS OUT OF PUBLIC SEWERS, STREAMS & WATERWAYS.

===== Handling =====

and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS CLOSED. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. USE ONLY W/ADEQUATE VENTILATION. NO SMOKING OR OPEN LIGHTS.

Other Precautions:AVOID BREATHING VAPORS, AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

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

Respiratory Protection:HYDROCARBON VAPOR CANISTER OR SUPPLIED-AIR HOSE MASK, IF NEEDED.

Ventilation:LOCAL EXHAUST: FACE VELOCITY 60 FPM. MECHANICAL: EXPLOSION PROOF VENTILATION EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT

Other Protective Equipment:HYDROCARBON INSOLUBLE APRON IF NEEDED.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
PRODUCT WAS DISCONTINUED IN 1984.

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

HCC:F4

Boiling Pt:B.P. Text:310-390F

Vapor Pres:10

Vapor Density:5

Spec Gravity:0.77

Evaporation Rate & Reference:

(N-BU AC = 1): 0.2

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER WHITE LIQUID; MINERAL SPIRITS ODOR.

Percent Volatiles by Volume:99.3%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS LIKE LIQUID CHLORINE & CONCENTRATED OXYGEN.

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

Hazardous Decomposition Products:CO IN THE CASE OF INCOMPLETE COMBUSTION.

===== Disposal Consideration

S =====

Waste Disposal Methods:DISPOSE OF WASTE BY SUPERVISED INCINERATION OR
IN A CHEMICAL DISPOSAL AREA IN COMPLIANCE WITH LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utiliz
ing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.