

HF SCIENTIFIC INC. -- CAPTURED FUEL TEST KIT -- 6630-01-248-5389

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

Product ID:CAPTURED FUEL TEST KIT

MSDS Date:01/01/1989

FSC:6630

NIIN:01-248-5389

MSDS Number: BSCZZ

=== Responsible Party ===

Company Name:HF SCIENTIFIC INC.

Address:3170 METRO PARKWAY S.E.

City:FORT MYERS

State:FL

ZIP:33916-7539

Country:US

Info Phone Num:813-337-2116/800-424-9300

Emergency Phone Nu

m:813-337-2116 FAX 800-424-7643

CAGE:58177

=== Contractor Identification ===

Company Name:HF SCIENTIFIC INC.

Address:3170 METRO PARKWAY S.E.

City:FORT MYERS

State:FL

ZIP:33916-7539

Country:US

Phone:941-337-2116

CAGE:58177

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

Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DECANE

CAS:124-18-5

RTECS #:HD6550000

Fraction by Wt: 50%

Other REC Limits:NONE RECOMME

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===== 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:SKIN: IRRITATION, DRYING. EYE:  
IRRITATION. INHALATION: IRRITATION, CNS DEPRESSION.  
INGESTION:IRRITATION OF GI TRACT. ASPIRATION INTO LUNGS MAY CAUSE  
CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL. CHRONIC:D ERMATITIS.  
Explanation of Carcinogenicity:MIDDLE DISTILLATES HAVE CA  
USED SKIN  
CANCER IN LABORATORY ANIMALS.  
Effects of Overexposure:SKIN: IRRITATION, REDNESS, EDEMA, DRYING.  
EYE:IRRITATION, REDNESS, TEARING. INHALATION: COUGHING,  
DROWSINESS. INGESTION: NAUSEA, VOMITING.  
Medical Cond Aggravated by Exposure:PULMONARY AND SKIN DISEASES.

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.  
EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN  
CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS  
PERSIS T. INGESTION:DO NOT INDUCE VOMITING, GET MEDICAL HELP  
IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:>100F,>38C  
Lower Limits:0.8%  
Upper Limits:5.42%  
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, CO2, HALON.  
Fire Fighting Procedures:USE WATER TO KEEP FIRE EXPOSED CONTAINERS  
COOL. USE WATER SPRAY TO DISPERSE VAPORS & WEAR SELF-CONTAINED  
BREATHING APPARATUS WHEN ATTEMPTING TO STOP LEAK/SPILL.  
Unusual Fire/Explosion Hazard:VAPOR-AIR MIXTURE ARE EXPLOSIVE ABOVE  
FLASH POINT. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION.  
USE SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED-AIR MASK FOR  
LARGE SPILLS IN CONFINED AREA. CON

TAIN SPILL IF POSSIBLE. DIKE, AND  
VACUUM UP OR ABSORB ON I NERT ABSORBNET & SHOVEL UP.  
Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT & FLAME. USE ONLY  
IN WELL VENTILATED AREAS. AVOID BREATHING OF MIST/ VAPOR. DON'T  
PRESSURIZE.

Other Precautions:KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR  
DISPENSING. AVOID CONTACT.

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===== Exposure Controls/Personal Protection =====  
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Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED  
SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN  
SPRAYING OR USING IN CONFINED SPACES.

Ventilation:NORMAL

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:GOGGLES, FACE SHIELD

Other Protective Equipment:EYEWASH

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH  
THIS PRODUCT.

Supplemental Safety and Health

MIDDLE DISTILLATES HAVE CAUSED SKIN CANCER & KIDNEY DAMAGE IN  
LABORATOR

Y ANIMALS.

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

HCC:F4

Boiling Pt:B.P. Text:350F,177C

Vapor Pres: 1 MMHG

Vapor Density:4.7

Spec Gravity:0.75

Evaporation Rate & Reference: