

THETFORD CORPORATION -- AQUA KEM -- 6840-01-393-7041

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

Product ID:AQUA KEM
MSDS Date:09/01/1992
FSC:6840
NIIN:01-393-7041
MSDS Number: BWPJW
=== Responsible Party ===
Company Name:THETFORD CORPORATION
Address:7101 JACKSON ROAD
City:ANN ARBOR
State:MI
ZIP:48103
Country:US
Info Phone Num:313-769-6000/313-769-6003
Emergency Phone Num:313-769-6000/313-769-6003
CAGE:DO
910

==== Contractor Identification ===
Company Name:THETFORD CORP
Address:7101 JACKSON ROAD
Box:City:ANN ARBOR
State:MI
ZIP:48106
Phone:(734) 769-6000
CAGE:61431
Company Name:THETFORD CORPORATION
Address:7101 JACKSON ROAD
City:ANN ARBOR
State:MI
ZIP:48103
Country:US
Phone:734-769-6000
CAGE:DO910

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

Ingred Name:FORMALDEHYDE (SARA III)
CAS:50-00-0
RTECS #:LP8925000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1048
ACGIH TLV

:C 0.3 PPM; A2; 9394
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)
CAS:67-56-1
RTECS #:PC1400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S,200PPM
ACGIH TLV:S,200PPM/250STEL; 94
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:CAN PRODUCE EYE
DAMAGE AND SKIN
SENSITIZATION. HIGH INHALATION EXPOSURE MAY CAUSE BRONCHOPNEUMONIA
AND EDEMA.
Explanation of Carcinogenicity:CARCINOGENIC POTENTIAL IS BASED ON
ANIMAL EVIDENCE. HUMAN EVIDENCE SHOWS NO INCREASED RISK OF CANCER.
Effects of Overexposure:INHALATION PRODUCES IRRITATION TO UPPER
RESPIRATORY TRACT & EYE IRRITATION. MAY INCLUDE DISCOMFORT SUCH AS
NAUSEA, HEADACHE OR WEAKNESS. SKIN CONTACT PRODUCES IRRITATION WITH
DISCOMFORT OR RASH. EYE CONTACT CAUSES IRRITATION OR SEVERE BURNS.
Medical Cond Aggravated by Exposure:PERSONS HAVING PREEXISTING DISEASE
OF THE LUNG, EYE OR SKIN MAY HAVE INCREASED SUSCEPTIBILITY TO THE
HAZARDS OF EXCESSIVE EXPOSURE.

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

First Aid:FLUSH CONTACTED AREA WITH LARGE AMOUNTS OF WATER. IRRIGATE
EYES FOR A MINIMUM OF 15 MINUTES. IF SWALLOWED, INDUCE VOMITING BY
GIVING 2 GLASSES OF WATER AND STICKING FINGER DOWN THE THROAT. FOR
EYE CONTACT OR INGESTION, CALL A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:137F,58C
Extinguishing Media:WATER, DRY CHEMICAL, CARBON DIOXIDE OR FOAM
APPROVED FOR USE WITH ALCOHOL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE AREA WELL BY OPENING ALL DOORS AND
WINDOWS. USE A

FAN IF AVAILABLE. WEAR A VAPOR MASK WITH AN ORGANIC VAPOR OR FORMALDEHYDE CARTRIDGE. SWEEP UP SPILLED MATERIAL. NEUTRALIZE REMAINING ODOR WITH AN AMMONIA, COLD WATER MIXTURE. MOP AREA.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:DO NOT STORE ABOVE 110F. DO NOT FREEZE.

Other Precautions:DO NOT GET IN EYES OR ON SKIN. DO NOT INHALE VAPORS. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS FOR LARGE SPILLS. WEAR VAPOR MASK WITH AN ORGANIC VAPOR CARTRIDGE OR FORMALDEHYDE CARTRIDGE FOR SMALL SPILLS.

Ventilation:LOCAL EXHAUST: MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:PROTECTIVE GLOVES RECOMMENDED.

Eye Protection:EYE PROTECTION RECOMMENDED.

Other Protective Equipment:PROTECTIVE CLOTHING TO AVOID SKIN CONTACT. EYEWASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:

AVOID UNNECESSARY AND PROLONGED EXPOSURE. AVOID BREATHING VAPORS.

Supplemental Safety and Health

ANY TRANSPORTATION QUESTIONS CAN BE ANSWERED BY THETFORD CORPORATION'S TRAFFIC DEPARTMENT.

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

HCC:F4

Boiling Pt:B.P. Text:210F,99C

Vapor Pres:17-20 MMHG

Vapor Density:1.03

Spec Gravity:1.08

Evaporation Rate & Reference:SIMILAR TO WATER

Solubility in Water:COMPLETE

Appearance and Odor:BLUE LIQUID WITH PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid: YES

PHENOLS, INORGANIC ACIDS, STRONG OXIDIZING AGENTS, STRONG ALKALIS.

Stability Condition to Avoid: ELEVATED TEMPERATURES.

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE
CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods: INCINERATION OR BIOLOGICAL TREATMENT IN A
FEDERAL, STATE APPROVED
TREATMENT FACILITY.

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