

THETFORD CORPORATION -- AQUA KEM; P/N 15483 -- 6840-01-393-7041

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Product Identification
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Product ID:AQUA KEM; P/N 15483

MSDS Date:01/21/1998

FSC:6840

NIIN:01-393-7041

MSDS Number: CKGPG

=== Responsible Party ===

Company Name:THETFORD CORPORATION

Address:7101 JACKSON ROAD

City:ANN ARBOR

State:MI

ZIP:48103

Country:US

Info Phone Num:734-769-6000

Emergency Phone Num:(800)424-9300/734-769-60

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Resp. Party Other MSDS Num.:FORM NUMBER: 104

Chemtrec Ind/Phone:(800)424-9300

CAGE:DO910

=== Contractor Identification ===

Company Name:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-542-1042

Contract Num:SP0450-00-M-D836

CAGE:0TNN7

Company Name:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-542-1042

Contract Num:SP0450-01-M-D1

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CAGE:0TNN7
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
CAS:50-00-0
RTECS #:LP8925000
Other REC Limits:STEL 2PPM
OSHA PEL:SEE 1910.1048
OSHA STEL:2 PPM
ACGIH TLV:0.3 PPM C
ACGIH STEL:C0.37
MG/M3;C0.3 PPM
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:METHANOL
CAS:67-56-1
RTECS #:PC1400000
OSHA PEL:260 MG/M3;200 PPM
ACGIH TLV:262 MG/M3;200 PPM
ACGIH STEL:328 MG/M3;250 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute an

d Chronic:CAN PRODUCE EYE DAMAGE AND SKIN SENSITIZATION. MUTAGENIC ACTIVITY IN BACTERIAL AND MAMMALIAN CELL CULTURE TEST SYMPTOMS- BUT NOT MUTAGENIC IN WHOLE ANIMAL SYSTEMS. NOT TERATOGENIC. HIGH INHALATION EXPOSURE MAY CAUSE BRONCHOPNEUMONIA AND EDEMA.

Explanation of Carcinogenicity:NTP: REASONABLY ANTICIPATED TO BE CARCINOGENIC. IARC MONOGRAPHS: PROBABLY CARCINOGENIC. OSHA REGULATED: POTENTIAL CARCINOGEN. 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 AND 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 DISEASES OF THE LUNGS, EYES, 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:=-58.3C, 137.F

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 BY OPENING ALL DOORS AND WINDOWS. USE A FAN IF AVAILABLE. WEAR A VAPOR MASK WITH AN ORGANIC VAPOR OF FORMALDEHYDE CARTRIDGE. CLEAN UP SMALL SPILLS WITH WATER. SOAK UP LARGER SPILLS WITH EARTH, SAND, OR OTHER NONCOMBUS

TIBLE

ABSORBENT MATERIAL. NEUTRALIZE REMAINING ODOR WITH AMMONIA, COLD WATER MIXTURE. MOP AREA WITH PLENTY OF WATER. WORK FOR SHORT PERIODS OF TIME (15 MINUTE PERIODS).

Neutralizing Agent:AMMONIA, COLD WATER MIXTURE.

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

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

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

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

Respiratory Protection:WEAR SELF CONTAINED BREATHING APPARATUS FOR LARGER SPILLS. WEAR A VAPOR MASK WITH ORGANIC VAPOR OR FORMALDEHYDE CARTRIDGE FOR SMALL SPILLS.

Ventilation:USE LOCAL EXHAUST TO MAINTAIN ADEQUATE VENTILATION. MECHANICAL (GENERAL) VENTILATION IS NOT RECOMMENDED. SPECIAL VENTILATION IS NOT NECESSARY.

Protective Gloves:RECOMMENDED.

Eye Protection:RECOMMENDED.

Other Protective Equipment:PROTECTIVE CLOTHING TO AVOID SKIN CONTACT.

PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID UNECESSARY AND PROLONGED EXPOSURE. AVOID BREATHING VAPORS.

Supplemental Safety and Health

VENDOR PART NUMBER: 15483.

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

HCC:F6

Boiling Pt:=98.9C, 210.F

Vapor Pres:17-20 MM HG @ 25C

Vapor Density:1.03

Spec Gravity:1.08

pH:3.5-5

Evaporation Rate & Reference:SIMILAR TO WATER >1

Solubility in Water:COMPLETE

Appearance and O

Color: 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.
Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: CAN PRODUCE EYE DAMAGE AND SKIN
SENSITIZATION. MUTAGENIC ACTIVITY IN BACTERIAL AND MAMMALIAN CELL
CULTURE TEST, SYMPTOMS BUT NOT MUTAGENIC IN WHOLE ANIMAL SYSTEMS.
NOT TERATOGENIC. HIGH INHALATION EXPOSURE MAY CAUSE
BRONCHOPNEUMONIA AND EDEMA.

===== Ecological Information =====

Ecological: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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

===== MSDS Transport Information =====

Transport Information: BY TELEPHONE, 11-2-2000, THETFORD CORP,
734-769-6000: PROPER SHIPPING NAME: FORMALDEHYDE SOLUTIONS,
FLAMMABLE; CLASS 3; UN 1198; PACKING GROUP: III.

===== Regulatory Information =====

SARA Title III Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.
Federal Regulatory Information

n:NO DATA PROVIDED BY RESPONSIBLE PARTY.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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