

THETFORD CORP -- AQUA-KEM GREEN -- 6840-01-393-7043

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

Product ID:AQUA-KEM GREEN

MSDS Date:01/21/1998

FSC:6840

NIIN:01-393-7043

MSDS Number: BWHCZ

=== Responsible Party ===

Company Name:THETFORD CORP

Address:7101 JACKSON RD

Box:1285

City:ANN ARBOR

State:MI

ZIP:48106

Country:US

Info Phone Num:313-769-6000

Emergency Phone Num:734-769-6000

Resp. Party Other MSDS Num.:

FORM NUMBER 4000

Preparer's Name:NOT PROVIDED.

Chemtrec Ind/Phone:(800)424-9300

CAGE:61431

=== Contractor Identification ===

Company Name:CHATTANOOGA SUPPLY CO

Address:1042 GRAYSVILLE RD

Box:22063

City:CHATTANOOGA

State:TN

ZIP:37422-2063

Country:US

Phone:615-899-8484

CAGE:0X8J2

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-D220

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:SP0450-00-M-D5337  
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:SP0450-00-M-D624  
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:SP0450-00-M-D985  
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:SP0450-00-M-SJ73  
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:SP0450-99-M-NJ09  
CAGE:0TNN7  
Company Name:HUNTER D H ENTERPRISES INC  
Address:2801 NW

55TH CT  
Box:City:FORT LAUDERDALE  
State:FL  
ZIP:33309  
Country:US  
Phone:954-484-1401  
Contract Num:SP0450-99-M-ND59  
CAGE:0BKD5  
Company Name:THETFORD CORP  
Address:7101 JACKSON ROAD  
Box:City:ANN ARBOR  
State:MI  
ZIP:48106  
Phone:(734) 769-6000  
Contract Num:SP0450-00-M-D326  
CAGE:61431

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Composition/Information on Ingredients  
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Ingred Name:BRONOPOL (CAS # 52-51-7)  
CAS:52-51-7  
Fraction by Wt: UNKNOWN.  
Other REC Limits:NOT PROVIDED.  
OSHA PEL:NOT ESTABLISHED.  
ACGIH TLV:NOT ESTABLIS  
HED.

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Hazards Identification  
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LD50 LC50 Mixture:NOT PROVIDED.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE AND 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:PER MSDS: NTP- REASONABLY ANTICIPATED TO  
BE CARCINOGENIC. IARC- PROBABLY CARCINOGENIC. OSHA- POTENTIAL  
CARCINOGEN. CARCINOGENIC POTENTIAL IS BASED ON ANIMAL EVIDENCE.  
HUMAN EVIDENCE SHOWS NO INCREA SED 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 IRRITATI

ON 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.

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First Aid Measures  
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First Aid: FLUSH CONTACTED AREA WITH LARGE AMOUNTS OF WATER. IRRIGATE EYES FOR A MINIMUM OF 15 MINUTES. IF SWALLOWED, GIVE MILK OR WATER BY MOUTH. DO NOT INDUCE VOMITING. FOR EYE CONTACT OR INGESTION, CALL A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point Method: TCC

Flash Point: >93.3C, 200.F

Extinguishing Media: WATER, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: NONE.

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Accidental Release Measures  
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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. CLEAN UP SPILLS WITH WATER. SOAK UP LARGER SPILLS WITH EARTH, SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL. NEUTRALIZE REMAINING ODOR WITH AN 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  
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Handling and Storage

Precautions: DO NOT STORE ABOVE 110 F. 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  
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Respiratory Protection: SELF-CONTAINED BREATHING APPARATUS FOR LARGER SPILLS. WEAR A VAPOR MASK WITH ORGANIC VAPOR OR FORMALDEHYDE CARTRIDGE FOR SMALL SPILLS.

Ventilation: LOCAL EXHAUST: MAINTAIN ADEQUATE VENTILATION. MECHANICAL (GENERAL) NOT

RECOMMENDED.

Protective Gloves:PROTECTIVE GLOVES RECOMMENDED.

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

P/N: THETFORD 20732.

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT.

Boiling Pt:=97.2C, 207.F

B.P. Text:APPROXIMAT

ELY

Vapor Pres:NOT AVAILABLE.

Spec Gravity:1.01(H2O=1)

pH:3 - 4

Viscosity:NOT PROVIDED.

Evaporation Rate & Reference:SIMILAR TO WATER >1

Solubility in Water:COMPLETE

Appearance and Odor:GREEN LIQUID WITH PINE ODOR.

Corrosion Rate:NOT PROVIDED.

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

Stability Indicator/Materials to Avoid:YES

ALKALIS, AMINES, METAL

Stability Condition to Avoid:ELEVATED TEMPERATURES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODU  
CE

FORMALDEHYDE, BROMINE, OXIDES OF CARBON AND NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:NOT PROVIDED.

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

Ecological:NOT PROVIDED.

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

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

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MSDS Transport Information  
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Transport Information: ANY TRANSPORTATION QUESTIONS CAN BE ANSWERED BY  
THETFORD CORPORATION'S TRAFFIC DEPARTMENT.

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Regulatory Information  
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SARA Title III Information: NOT PROVIDED.  
Federal Regulatory Information: NOT PROVIDED.  
State Regulatory Information: NOT PROVIDED.

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Other Information  
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