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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
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PRODUCT NUMBER: 229
IDENTITY: BREAKDOWN

Revision Date: 12/10/2009

Section I

Manufacturer's Name:QUEST CHEMICAL CORPORATION Telephone Numbers:
Address: 12255 FM 529 Emergency:
NORTHWOODS INDUSTRIAL PARK 800/255-3924
HOUSTON Information:
State: TX Zip Code:77041 713/8968188

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 0 HEALTH: 0 PERSONAL PROTECT: A

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)

Table with 6 columns: Name, Cas No., OSHA PEL, ACGIH TLV, OTHER LIM, %. Row 1: PROPANE/N-BUTANE, 68476-86-8, N/A, 1000ppm, N/A, %.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 + Specific Gravity (water=1) 1.00
Vapor Pressure(mm Hg) 17.5 Melting Point: N/A
Vapor Density(AIR=1) >1 Evaporation Rate: <.01
Solubility in Water: 100% (Butyl Acetate=1)
Appearance and Odor: WHITE FOAM, SPRING MIST ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used):NONE Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: STANDARD CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS
WHEN INDICATED

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. KEEP AWAY FROM
HEAT, SPARKS OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE
CAN TO BURST.

Section V: REACTIVITY DATA

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Stability: Unstable:                    Conditions to avoid: TEMPERATURES ABOVE 120 F  
          Stable:    X                   HOT SURFACES  
Incompatibility (Materials to Avoid): STRONG OXIDIZING AND REDUCING AGENTS  
,ACID CHLORIDES  
Hazardous Decomposition or Byproducts: NONE KNOWN  
  
Hazardous Polymerization:                May Occur:                                Will Not Occur: X  
Conditions to Avoid: N/A

Section VI: HEALTH HAZARD DATA

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Routes of Entry:                    Inhalation: NO                    Skin: NO                    Ingestion: YES  
Health Hazards (Acute and Chronic):  
EYES: IRRITANT

Carcinogenicity: NTP:NO                    IARC Monographs:NO                    OSHA Reg:NO  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: EYES: RINSE THOROUGHLY WITH WATER.  
IF IRRITATION PERSISTS CONTACT PHYSICIAN. INGESTION: DRINK LARGE AMOUNTS OF  
WATER, MILK OR YOGURT. DO NOT INDUCE VOMITTING. IF IRRITATION DEVELOPES  
CONTACT PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: WASH UP SPILL  
USING ABSORBENT CLAY MATERIAL OR MOP. WASH AREA WITH SOAP AND WATER.  
DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.

Waste Disposal Method: DISPOSE OF IN A SANITARY LANDFILL, OFFER CAN FOR  
RECYCLING. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT REUSE CONTAINER  
WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: STORE IN A COOL DRY  
AREA. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: N/A

Section VIII: CONTROL MEASURES

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Respiratory Protection: N/A  
Ventilation: Local Exhaust:N/A  
Mechanical: N/A                                Special: N/A  
Other:                    N/A  
Protective Gloves:N/A  
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHEN USING CHEMICAL PRODUCTS  
Other Protective Clothing or Equipment:  
N/A  
Work/Hygienic Practices:  
WASH HANDS AFTER USE

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