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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: 205
IDENTITY: CHARGE
Revision Date: 03/02/2010

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: 3 HEALTH: 1 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, %. Rows include 1,8-P-MENTHADIENE, CARBON DIOXIDE, and PROPANE/N-BUTANE.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 352 F Specific Gravity (water=1) 0.85
Vapor Pressure (mm Hg) 2 Melting Point: N/A
Vapor Density (AIR=1) 4.7 Evaporation Rate: 1
Solubility in Water: 7% (Butyl Acetate=1)
Appearance and Odor: CITRUS ODOR, CLEAR TO YELLOW TINT.

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 120 F TCC Flammable Limits: LEL:.7 UEL: 6.1
Extinguishing Media: STANDARD CHEMICAL FIRE EXTINGUISHER.
Special Fire Fighting Procedures: CLASS B FIRE PROCEDURES

Unusual Fire and Explosion Hazards: COMBUSTIBLE LIQUID. KEEP AWAY FROM HEAT,
SPARKS, AND OPEN FLAMES. FLASH POINT IS BASED ON LIQUID LESS PROPELLANT.
CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES >120F MAY CAUSE BURSTING.

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 AGENTS

Hazardous Decomposition or Byproducts: NONE

Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards (Acute and Chronic):
INHALATION: EXCESSIVE EXPOSURE CAN CAUSE DIZZINESS. SKIN & EYES: WILL DEFAT
AND IRRITATE EYES AND SKIN. INGESTION: WILL CAUSE NAUSEA AND/OR DIARRHEA.

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

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: INHALATION: REMOVE VICTIM TO FRESH AIR
SKIN: RINSE WITH SOAP AND WATER. EYES: RINSE WITH WATER FOR 15 MINUTES.
INGESTION: GIVE SMALL GLASS OF WATER OR MILK. DO NOT INDUCE VOMITING. SEE
PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: REMOVE ANY
SOURCE OF HEAT, FLAME, OR SPARKS. EVACUATE AFFECTED AREA. MOP UP WITH
APPROPRIATE ABSORBENT MATERIAL. AVOID BREATHING FUMES VENTILATE AREA.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,
STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing: KEEP AWAY FROM HEAT,
SPARKS AND FLAME. DO NOT PUNCTURE. USE ADEQUATE VENTILATION.
STORE IN ACCORDANCE WITH NFPA, STATE AND LOCAL GUIDELINES.
Other Precautions: AVOID PROLONGED OR REPEATED INHALATION OF MIST OR VAPOR
AND CONTACT WITH SKIN.

Section VIII: CONTROL MEASURES

Respiratory Protection: N/A
Ventilation: Local Exhaust: ADEQUATE
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves: N/A
Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
N/A
Work/Hygienic Practices:
WASH HANDS AFTER USE.

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