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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: 315
IDENTITY: APPLE TOTAL RELEASE AF Revision Date: 06/29/2010

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.)
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Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
ACETONE	67-64-1	1000 ppm	500 ppm	N/A	___
ISOPARAFINIC HYDROCARBON	64742-47-8	400 PPM	400 PPM		___
PROPANE/N-BUTANE	68476-86-8	N/A	1000ppm	N/A	___
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS
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Boiling Point: >120 F Specific Gravity (water=1) 0.79
Vapor Pressure(mm Hg) >130 Melting Point: N/A
Vapor Density(AIR=1) >2 Evaporation Rate: >4
Solubility in Water: 60 (Butyl Acetate=1)
Appearance and Odor: CLEAR SPRAY WITH APPLE SCENT.

Section IV: FIRE AND EXPLOSION HAZARD DATA
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Flash Point(Method Used): <20F TCC Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: DRY CHEMICAL, ALCOHOL FOAM OR CO2.
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS IS
ALWAYS RECOMMENDED WHEN FIGHTING FIRES.

Unusual Fire and Explosion Hazards: FLAMMABLE. CONTENTS UNDER PRESSURE.
EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. VAPORS CAN FLOW
ALONG SURFACES TO DISTANT IGNITION SOURCE AND FLASH BACK.

Section V: REACTIVITY DATA

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Stability: Unstable: Conditions to avoid: FLAMES, IGNITION SOURCES,
Stable: X TEMPERATURES ABOVE 120 F
Incompatibility (Materials to Avoid): CONCENTRATED NITRIC & SULFURIC ACIDS,
OXIDIZING MATERIALS, ALKALIS.
Hazardous Decomposition or Byproducts: OXIDES OF CARBON

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

Section VI: HEALTH HAZARD DATA

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Routes of Entry: Inhalation: YES Skin: YES Ingestion:NO
Health Hazards(Acute and Chronic):
INHALATION: EXCESSIVE EXPOSURE MAY CAUSE SLIGHT DIZZINESS. EYES: STRONG
IRRITATION REDDENING. SKIN: MILD IRRITATION, DRYING OF SKIN.

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: INHALATION: REMOVE TO FRESH AIR.
EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP AND WATER.
CONTACT PHYSICIAN IF IRRITATION PERSISTS.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: VENTILATE AREA
REMOVE ALL SOURCES OF IGNITION. WIPE UP WITH RAG OR USE SOME ABSORBENT
CLAY MATERIAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE
AND LOCAL GUIDELINES. 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: DO NOT USE OR STORE NEAR
HEAT OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE
BURSTING.
Other Precautions: NONE

Section VIII: CONTROL MEASURES

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Respiratory Protection: NONE
Ventilation: Local Exhaust:ADEQUATE
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves:N/A
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
N/A
Work/Hygienic Practices:
WASH HANDS AFTER