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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: 603

IDENTITY: RUTHLESS LIQUID

Revision Date: 01/12/2007

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Section I

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Manufacturer's Name: QUEST CHEMICAL CORPORATION  
Address: 12255 FM 529  
NORTHWOODS INDUSTRIAL PARK  
HOUSTON  
State: TX Zip Code: 77041

Telephone Numbers:  
Emergency: 800/255-3924  
Information: 713/8968188

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HMIS CODES: REACTIVITY: 0 FLAMMABILITY: 2 HEALTH: 3 PERSONAL PROTECT: X

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	%
METHYL ALCOHOL	*	67-56-1	200 PPM	250 PPM	N/A	_____
METHYLENE CHLORIDE	*+	75-09-2	25 PPM	25 PPM	N/A	_____
_____		_____	_____	_____	_____	_____
_____		_____	_____	_____	_____	_____
_____		_____	_____	_____	_____	_____
_____		_____	_____	_____	_____	_____
_____		_____	_____	_____	_____	_____

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point:	104F	Specific Gravity (water=1)	1.20
Vapor Pressure(mm Hg)	N/A	Melting Point:	N/A
Vapor Density(AIR=1)	2	Evaporation Rate:	<1
Solubility in Water:	EMULS	(Butyl Acetate=1)	
Appearance and Odor:	VISCOUS, HAZY LIQUID, STRONG CHLORINATED SOLVENT ODOR		

Section IV: FIRE AND EXPLOSION HAZARD DATA

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

Unusual Fire and Explosion Hazards: MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

Section V: REACTIVITY DATA

PRODUCT NUMBER: 603

Stability: Unstable: Conditions to avoid: HOT SURFACES,  
Stable: X EXPOSURE TO TEMPERATURES ABOVE 100 F  
Incompatibility (Materials to Avoid): PLASTICS

Hazardous Decomposition or Byproducts: EXPOSURE TO RED HOT SURFACES MAY  
PRODUCE PHOSGENE, CARBON MONOXIDE AND HYDROGEN CHLORIDE GASES.

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):  
WILL CAUSE ACUTE BURNS TO SKIN, EYES, MUCOUS MEMBRANES. PROLONGED BREATHING  
COULD CAUSE UNCONSCIOUSNESS, DIZZINESS, HEADACHE, NAUSEA.

Carcinogenicity: NTP: YES IARC Monographs: Yes OSHA Reg: YES  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: SKIN: WASH WITH SOAP AND WATER. EYES:  
FLUSH WITH WATER AND CONTACT PHYSICIAN. INHALATION: REMOVE TO FRESH AIR AND  
CONTACT PHYSICIAN. INGESTION: CONSULT PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: CONTAIN SPILL.  
PRODUCT WILL UNDERGO RAPID EVAPORATION. RESIDUE SHOULD BE COVERED WITH AN  
ABSORBENT CLAY MATERIAL AND PLACED IN DRUMS FOR DISPOSAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE  
AND LOCAL GUIDELINES. OFFER DRUMS FOR RECYCLING. DO NOT REUSE EMPTY CON-  
TAINER. SMALLER CONTAINERS SHOULD BE RINSED AND PLACED IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: STORE IN A COOL, DRY AREA.  
KEEP AWAY FROM HEAT AND OPEN FLAMES. KEEP CONTAINERS TIGHTLY SEALED.

Other Precautions: VAPOR MAY COLLECT IN LOW LYING AREAS.

Section VIII: CONTROL MEASURES

Respiratory Protection: USE IN WELL VENTILATED AREA

Ventilation: Local Exhaust: ADEQUATE

Mechanical: N/A Special: N/A

Other: N/A

Protective Gloves: NEOPRENE

Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.

Other Protective Clothing or Equipment:

LONG SLEEVE CLOTHING- TO COVER SKIN

Work/Hygienic Practices:

WASH HANDS AFTER USE