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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: 800  
IDENTITY: DE-ICE

Revision Date: 06/14/2002

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Section I

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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

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HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 3 HEALTH: 3 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	%
CARBON DIOXIDE	124-38-9	5000 PPM	5000 PPM	N/A	___
ETHYLENE GLYCOL *	107211	N/A	100 MG/M3	N/A	___
ISOPROPYL ALCOHOL	67-63-0	400 PPM	400 PPM	N/A	___
METHYL ALCOHOL *	67-56-1	200 PPM	250 PPM	N/A	___
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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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.

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Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point:	N/A	Specific Gravity (water=1)	0.82
Vapor Pressure(mm Hg)	<95	Melting Point:	N/A
Vapor Density(AIR=1)	>1	Evaporation Rate:	>1
Solubility in Water:	99%	(Butyl Acetate=1)	
Appearance and Odor:	CLEAR SPRAY, ALCOHOL ODOR		

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Section IV: FIRE AND EXPLOSION HAZARD DATA

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Flash Point(Method Used): 65F TCC Flammable Limits: LEL:6 UEL: 30  
Extinguishing Media: STANDARD DRY CHEMICAL FIRE EXTINGUISHER  
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS

Unusual Fire and Explosion Hazards: FLAMMABLE. CONTENTS UNDER PRESSURE.  
EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING.

Section V: REACTIVITY DATA

PRODUCT NUMBER: 800

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Stability: Unstable:                    Conditions to avoid:  
                  Stable:    X            NONE

Incompatibility (Materials to Avoid): STRONG OXIDIZERS, STRONG ACIDS,  
STRONG BASES. MAY BE CORROSIVE TO LEAD AND ALUMINIUM.

Hazardous Decomposition or Byproducts: FORMALDEHYDE, CARBON DIOXIDE, CARBON  
MONOXIDE

Hazardous Polymerization:                May Occur:                        Will Not Occur: X  
Conditions to Avoid: PRESENCE OF INCOMPATIBLE MATERIALS AND IGNITION  
SOURCES.

Section VI:    HEALTH HAZARD DATA

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Routes of Entry:                    Inhalation: YES                    Skin: YES                    Ingestion: NO

Health Hazards (Acute and Chronic):

INHALATION: IRRITATE MUCOUS MEMBRANES, HEADACHES, NAUSEA, UNCONSCIOUSNESS.

EYES: IRRITATION, TEARING OR BURNING. SKIN: MAY CAUSE SLIGHT IRRITATION.

INGESTION: CONTAINS METHANOL WHICH CAUSES BLINDNESS AND CAN LEAD TO DEATH.

Carcinogenicity: NTP: NO                    IARC Monographs: NO                    OSHA Reg: NO

Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR. SEEK  
MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL  
ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE  
VOMITING. LIFE THREATENING. SEEK MEDICAL ATTENTION IMMEDIATELY.

Section VII:    PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: MOP OR WIPE  
UP SPILL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,  
STATE AND LOCAL GUIDELINES. WRAP CONTAINERS AND PLACE IN TRASH COLLECTION.  
DO NOT PUNCTURE OR INCINERATE CONTAINER.

Precautions to be Taken in Handling and Storing: STORE IN A COOL, DRY AREA.  
KEEP AWAY FROM HEAT, FLAMES OR SPARKS.

Other Precautions: N/A

Section VIII:   CONTROL MEASURES

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Respiratory Protection: NIOSH APPROVED RESPIRATOR IF OVER EXPOSURE LEVELS.

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