

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

PRODUCT NUMBER: 800  
IDENTITY: DE-ICE

Revision Date: 05/23/96

## Section I

Manufacturer's Name: QUEST CHEMICAL CORP.  
Address: 12255 FM 529  
NORTHWOODS IND. PARK  
HOUSTON  
State: TX Zip Code: 77041

Telephone Numbers:  
Emergency: 800/255-3924  
Information: 713/896-8188

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 4 HEALTH: 1 PERSONAL PROTECT: 1

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

Name		Gas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
ETHYLENE GLYCOL	*	107211	N/A	100 MG/M3	N/A	---
ISOPROPYL ALCOHOL		67-63-0	400 PPM	400 PPM	N/A	---
L.P.G.		68476-85-7	1000 PPM	1000 PPM	N/A	---
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### Comments:

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.

## Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (water=1)	1.00
Vapor Pressure(mm Hg)	>760MM	Melting Point:	N/A
Vapor Density(AIR=1)	>1	Evaporation Rate:	>1
Solubility in Water:	100%	(Butyl Acetate=1)	
Appearance and Odor:	CLEAR SPRAY, ALCOHOL ODOR		

## Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): 65F TCC Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: CO2, FOAM, DRY CHEMICAL, WATER  
Special Fire Fighting Procedures: NONE

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



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**Section V: REACTIVITY DATA**

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

Incompatibility (Materials to Avoid): STRONG OXIDIZERS, ALKALIES, ACIDS

Hazardous Decomposition or Byproducts: NONE KNOWN

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

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**Section VI: HEALTH HAZARD DATA**

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

INHALATION: DIZZINESS, EXCESSIVE EXPOSURE MAY LEAD TO UNCONSCIOUSNESS.  
EYES: IRRITATION. SKIN: MAY CAUSE DRYING AND TISSUE DEFATTING.

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. EYES:  
FLUSH WITH WATER AND CONTACT PHYSICIAN. SKIN: WASH WITH SOAP AND WATER AND  
CONTACT PHYSICIAN.

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**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

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**Section VIII: CONTROL MEASURES**

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Respiratory Protection: N/A

Ventilation:

Local Exhaust: N/A

Mechanical:    N/A

Natural:        N/A

Other:           N/A

Protective Gloves: N/A

Eye Protection: N/A

Other Protective Clothing or Equipment:  
N/A

Work/Hygienic Practices:

WASH HANDS AFTER USE