IDENTITY (As used on Label and List)  
Quantum  

SECTION 1. Company Identification  
MANUFACTURER'S NAME  
Monahan Corp.  
ADDRESS  
2017 Dean Avenue, Des Moines, Iowa 50317  
DATE PREPARED  
03/03/06  

SECTION 2. Composition/Information on Ingredients  
Hazardous Components (Specific Chemical Identity; Common Names)  
2-Butoxyethanol CAS#111-76-2  
OSHA  
PEL  
ACGIH TLV  
OTHER LIMITS  
25ppm NA NA  

SECTION 3. Hazards Identification  
This product contains 2-Butoxyethanol, a toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act & of 40 CFR 372. This product is not considered a hazardous material by the U.S. Department of Transportation.  

SECTION 4. Physical Characteristics  
Boiling Point:  
ND  
Specific Gravity (H2O + 1):  
ND  
Vapor Pressure (mm Hg):  
ND  
Flash Point (Method Used):  
NA  
Solubility In Water:  
Complete  
Appearance & Odor:  
Amber liquid with characteristic odor.  

SECTION 5. -Fire & Explosion & Hazard Data  
Flash Point:  
Method Used:  
NA  
Flammable Limits:  
NA  
UEL:  
NA  
Extinguishing Media:  
Not combustible. Water spray, dry chemical, CO2 or foam may be used in areas where product is stored.  

SECTION 6. Reactivity Data  
Hazardous Decomposition or Byproducts:  
None  
Hazardous Polymerization:  
Will Not Occur  

SECTION 7. Health Hazard Data  
Routes of Entry:  
Eyes X  
Skin X  
Ingestion X  
Irritation to nose, throat, airways.  Fatigue, nausea, headache.  
Health hazard (Acute & Chronic)  
Irritation to nose, throat, airways.  Fatigue, nausea, headache.  
Carcinogenicity:  
None  
NTP:  
IARC Monographs:  
OSHA Regulated  

SECTION 8. First Aid Measures  
Ingestion:  
Seek medical attention.  
Eyes:  
Immediately flush with a directed stream of water for at least 15 minutes holding the eyelid apart to ensure complete irrigation of the eye.  
Inhalation:  
Immediately move victim away from exposure and into fresh air.  

SECTION 9. Precautions for Safe Handling & Use  
Steps to be taken in case material is released or spilled:  
If spilled, steps should be taken to contain spill. Clean area of spill immediately. Follow protective measures provided under Control Measures in Section 9.  
Precautions to be taken in handling or storing:  
For best product performance store in cool, dry area. Avoid freezing.  
Special Fire Fighting Procedures:  
Product presents no unusual fire hazard and requires no special procedures.  

SECTION 10. Control Measures  
Respiratory Protection (Specify Type):  
None  
Ventilation:  
Local Exhaust:  
NA  
Special:  
NA  
Mechanical (General):  
NA  
Other:  
NA  
Protective Gloves:  
NA  
Eye Protection:  
Required  
Other Protective Clothing or Equipment:  
None  
Work/Hygienic Practices:  
Clean all spills immediately. Observe personal hygiene.  

SECTION 11. Toxicological Information  
No information available.  

SECTION 12. Ecological Information  
There is limited information available on the environmental fate and effects of this material. It is miscible in water. Due caution should be exercised to prevent the accidental release of this material to the environment. In concentrated form this product may show trace levels of toxicity to aquatic organisms.  

SECTION 13. Disposal Considerations  
Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.  

SECTION 14. Transportation Information  
This product is not regulated.  
DOT class 55  

SECTION 15. Regulatory Information  
We request that you make all information in this Material Safety Data Sheet available to all employees.  
SARA TITLE III HAZARD CATEGORIES:  
If the word “yes” appears next to any category, this product may be reportable by you under the requirements of 40 CFR 372. Please consult those regulations for details.  
Immediate (Acute) Health:  
Yes  
Delayed (Chronic) Health:  
No  
Fire Hazard:  
No  
Reactive Hazard:  
No  
Sudden Release of Pressure:  
No  
HMIS HAZARD RATINGS:  
Health Hazard:  
1  
Fire Hazard:  
0  
Reactivity:  
0  

SECTION 16. Other Information  
MISDS LEGEND:  
CAS = Chemical Abstracts Service Registry Number  
Ceiling Limit = Ceiling Limit (15 Minutes)  
OSHA = Occupational Safety and Health Administration  
TLV = Threshold Limit Value (ACGIH)  
ACGIH = American Conference of Governmental Industrial Hygienists  
IMPORTANT: The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any federal, state, or local laws, rules, regulations or ordinances.