IDENTITY (As used on Label and List)  
Monaghan Casual Wear Detergent 

SECTION 1. Company Identification 
MANUFACTURERS NAME:  
Monaghan Corporation 
ADDRESS:  
2017 Dean Avenue 
Des Moines, Iowa 50317 

SECTION 2. Composition/Information on Ingredients 
Hazardous Components (Specific Chemical Identity; Common Names)  
OSHA PEL  ACGIH TLV OTHER LIMITS 
No hazardous components 

SECTION 3. Hazards Identification 
This product is not classified as 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 
Melting Point:  NA 
Vapor Density (Air =1):  ND 
Evaporation Rate (Butyl Acetate =1):  ND 
Solubility In Water:  Complete 
Appearance & Odor:  Clear liquid with lemon odor. 

SECTION 5. -Fire & Explosion & Hazard Data 
Flash Point (Method Used):  NA 
Flammable Limits NA LEI: NA UEL: NA 
Extinguishing Media:  Not combustible. Water spray, dry chemical, CO2 or foam may be used in areas where product is stored. 
Special Fire Fighting Procedures:  Product presents no unusual fire hazard and requires no special procedures. 
Unusual Fire and Explosion Hazards:  None known 

SECTION 6. Reactivity Data 
Stability:  Stable 
Conditions to Avoid:  Strong Acids 
Incompatibility (Materials to Avoid) Strong Acids 
Hazardous Decomposition or Byproducts:  None 
Hazardous Polymerization:  Will Not Occur 
Conditions to Avoid:  N/A 

SECTION 7. Health Hazard Data 
Routes of Entry:  Eyes X Inhalation X Skin X Ingestion X 
Health hazard (Acute & Chronic)  May be irritating to eyes or skin with some individuals. 
Carcinogenicity:  None 
NTP IARC Monographs OSHA Regulated 

SECTION 8. First Aid Measures 
Ingestion:  If ingested in large quantities, 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. 

SECTION 9. Precautions for Safe Handling & Use 
Precautions to be taken in handling or storing:  For best product performance store in cool, dry area. 
Other Precautions:  Keep out of the reach of children. 

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 
Product not considered toxic. 

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 

INTERNATIONAL REGULATIONS:  Consult the regulations of the importing country. 

SECTION 16. Other Information 
MSDS 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.