MATERIAL SAFETY DATA SHEET
(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): B-Q 32 Pine Odor Disinfectant
Product Class: Disinfectant Cleaner, EPA #6838-189-5449
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Manufacturer's Name and Address:
Multi-Clean®
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS
Hazardous Components (Specify Chemical Identity): Chemical Common Name(s)
A Quaternary Ammonium 1.97
CAS #68424-85-1
B Isopropanol 1 - 5
CAS #67-63-0
C Alcohol Ethoxylates 1 - 5
CAS #34398-01-1
D Pine Oil 1 - 5
CAS #8002-09-3
E Water 60 - 100
CAS #7732-18-5

SECTION III - HAZARDS IDENTIFICATION
Appearance and Odor: Amber Liquid, Pine Scent.
Primary Hazards: Flammable, irritant.
Potential Health Hazards: Eye: May cause burns if contact occurs.
Skin: May cause burns if contact occurs.
Ingestion: May be harmful if swallowed.
Inhalation: Overexposure to vapors may be harmful.
Signs and Symptoms of Exposure: Irritation and/or burning sensation on contact.
Carcinogenicity: N. Ap. IARC Monographs? No
OSHA Regulated? No
Target Organ(s): N. Av.
Medical Conditions Generally Aggravated by Exposure: N. Av.
Health Hazards, Chronic: N. Av.

SECTION IV - FIRST AID MEASURES
Emergency and First Aid Procedures:
IF IN EYES: Hold open and rinse slowly and gently with water for 15 – 20 minutes.
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice.
Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Sources Used: Raw material data, general toxicology from the trade for similar products, EPA approved label.

SECTION V - FIRE FIGHTING MEASURES
Flammability: Flammable
Autoignition Temperature: N. Av.
Flash Point (method used): 110°F Tcc
Flammable Limits: N. Av. LEL UEL
Alcohol Foam? X CO2? X Dry Chemical? X
Vaporizing Liquid? X Other? X
Special Fire Fighting Procedures: N. Av.
Unusual Fire and Explosion Hazards: N. Av.
TDG Flammability Classification: 3.3
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: Ignite above flashpoint.

SECTION VI - ACCIDENTAL RELEASE MEASURES
Steps to be Taken in Case Material is Released or Spilled:
Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-drain) or vacuum. Thoroughly rinse affected area with water.

SECTION VII - HANDLING AND STORAGE
Precautions to be Taken in Handling and Storing:
Do not contaminate food or water by storage or disposal. Store only in original containers. See label instructions for container disposal. Do not reuse empty container.
Other Precautions: Keep out of reach of children. Do not breathe spray mist.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory Protection (Specify Types): Not required. Dust/mist respirator is recommended to prevent inhalation of mists when spraying cleaning chemicals.
Ventilation: Local Exhaust: Not required
Mechanical (General): Provide ventilation adequate to disperse cleaner vapors and or mists. Other: Not required
Protective Gloves: Natural rubber or synthetic.

SECTION IX - PHYSICAL/ CHEMICAL CHARACTERISTICS
Boiling Point: Approximately 212°F
Specific Gravity (H2O) = 1: .992 % Volatile: 60 - 100
Vapor Density (Air = 1): < 1
Odor Threshold: N. Av.
Evaporation Rate (Butyl Acetate = 1): N. Av.
Solubility in Water: Complete
Coefficient: N. Av.
Vapor Pressure (MM HG): N. Av.
Melting Point: N. Av.

SECTION X - STABILITY AND REACTIVITY
Stability: Unstable: Stable
Conditions to Avoid: N. Av.
Incompatibility (materials to avoid): Do not mix with other cleaners or deodorants.
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur: Will not occur: X
Conditions to Avoid: N. Av.

SECTION XI - TOXICOLOGICAL INFORMATION
Potential Health Hazards:
Carcinogenicity (rat, oral) (rat, 8 hr.) (rat, oral)
Chemical OSHA PEL ACGIH TLV
A N. Av. N. Av. N. Av. N. Av. N. Av.
B N. Av. N. Av. N. Av. N. Av. N. Av.
C N. Av. N. Av. N. Av. N. Av. N. Av.
D N. Av. N. Av. N. Av. N. Av. N. Av.
E N. Av. N. Av. N. Av. N. Av. N. Av.

SECTION XII - ECOLOGICAL INFORMATION
Ecotoxicological Information:
Chemical Fate Information:

SECTION XIII - DISPOSAL CONSIDERATIONS
Waste Disposal Method:
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.
RCRA Hazard Class: Regulated by FIFRA

SECTION XIV - TRANSPORT INFORMATION
Shipping Classification: Flammable liquid, NOS (containing isopropanol), class 3
UN Number: 1993
Packing Group: III

SECTION XV - PREPARATION DATA
Prepared By: Mike Elms
Telephone Number: 651-481-1900
Date: 12-09

SECTION XVI - REGULATORY INFORMATION
US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quantity: N. Av.
SARA Title III
Section 302 Extremely Hazardous Chemicals: None
Section 311/312 Hazard Category: Immediate health hazard
Section 313 Toxic Chemicals: None
State Regulations
International Regulations
WHMIS Controlled Product Hazard Class: E, B3

SECTION XVII - OTHER INFORMATION
NFPA SYSTEM
A. Health Hazard B. Fire Hazard C. Reactivity Hazard
D. Health Hazard

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