

1. Identification:**Product Identity:** BQ-32 PINE CLEANER**Recommended Use:** Water-Based Cleaner**Producer / Distributor**Multi-Clean
600 Cardigan Road
Shoreview, MN 55126**Telephone Number for Information:** 651-481-1900**Emergency Telephone Number:** 800-255-3924**2. Hazard Identification:****Classification:****Health Class**Mild Skin Irritation Category 3
Eye Irritant Category 2
Specific Target Organ Toxicity Category 2**Physical Class**

Flammable Liquid Category 3

Environment Class

Acute Aquatic Toxicity Category 2

Label**Symbols****Signal Word** Danger**Hazard Statements:**Causes mild skin and eye Irritation.
May cause damage to organs (central nervous system, respiratory tract, kidneys).
Flammable liquid and vapor.**Precautionary Statements:**Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Wear protective clothing/eye protection.
Do not eat, drink, or smoke when using this product.
Keep away from heat.
Keep container tightly closed.
Use explosion-proof electrical/ventilating equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Call a doctor.
Store locked up, in a well-ventilated place. Keep cool.
Dispose of contents in accordance with local regulations.**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Quaternary Ammonium Chloride Surfactants	68424-85-1	1 - 3
Isopropanol	67-63-0	1 - 5
Alcohol Ethoxylates	34398-01-1	1 - 5
Pine Oil	8002-09-3	1 - 5
Water	7732-18-5	60 - 100

4. First-Aid Measures:**Ingestion:** 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.**Eye Contact:** Hold eye 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.**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.**Inhalation:** Move to fresh air.

5. Fire Fighting Measures:

Suitable Extinguishing Media: Alcohol Foam - CO2 - Dry Chemical - Water Fog - Vaporizing Liquid
Special Fire Fighting Procedures: Not Applicable
Unusual Fire and Explosion Hazards: Products of combustion are toxic

6. Accidental Release Measures:

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.

7. Handling and Storage:

Handling: Do not breath spray mist. Keep out of reach of children. Do not reuse empty container
Storage: Store only in original containers. Do not contaminate food or water by storage or disposal.

8. Exposure Controls / Personal Protection:**Exposure Limits:**

Ingredients	CAS Number	Osha PEL	ACGIH TLV
Isopropanol	67-63-0	400 ppm	400 ppm

Exposure Controls:

Engineering Controls: Ventilate to maintain vapor levels below exposure limits.

Personal Protective Equipment:

Eye Protection: Approved Safety Goggles or Glasses

Skin Protection: Chemical Resistant Rubber Gloves

Respiratory Protection: Not required, Dust/Mist Mask recommended if working in heavy cleaner mists or spray.

9. Physical and Chemical Properties:

Physical State: Liquid

Appearance: Amber

Odor: Pine

Solubility: Complete

Evaporation Rate: NA

Vapor Pressure (MM HG): NA

Vapor Density (Air = 1): < 1

pH: 7 - 8

Specific Gravity (H2O = 1): 0.992

Flammability: Flammable

Flash Point: 110°F (43°C)

Boiling Point: > 212° F (100°C)

%volatile: 60 - 100%

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known

Incompatibility (Materials to Avoid): Other Cleaners or Deodorants

Hazardous Decomposition or By-products: None

Hazardous Polymerization: Will not Occur

Conditions to Avoid: None are known

11. Toxicological Information:

Signs and Symptoms of Overexposure: Causes severe skin burns and eye damage.

Acute Effects:

Eye Contact: Severe Eye damage can result from direct contact.

Skin Contact: Causes severe skin burns

Inhalation: May be harmful with overexposure

Ingestion: May be harmful if swallowed

Target Organ Effects: Central Nervous System, Respiratory tract, and Kidneys

Chronic Effects: May cause damage to organs (central nervous system, respiratory tract, kidneys).

Acute Toxicity Values:

Oral LD₅₀ = > 5000 mg/kg

Dermal LD₅₀ = > 5000 mg/kg

Inhalation (Vapor) LC₅₀ = > 50 mg/l

12. Ecological Information:

Persistence and Degradability: Not Available

Bio Accumulative Potential: Not Available

Mobility in Soil: Not Available

Aquatic Toxicity: Toxic to Aquatic Life

13. Disposal Considerations:

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.

14. Transportation Information:

UN Number: UN1993
Shipping Name: Flammable liquid N.O.S. (Isopropanol)
Transport Hazard Class: 3
Packing Group: III
Marine Pollutant: NO

15. Regulatory Information:

TSCA Status: All ingredients listed
Clean Water Act: None of the chemicals in this product are listed under the CWA
Clean Air Act: None of the chemicals in this product are listed under the CAA
CERCLA Reportable Quantity: None
SARA Title III Information:
Section 302 Extremely Hazardous Chemicals: None Listed
Section 311 / 312 Hazard Category: Immediate Health
Section 313 Toxic Chemicals: Isopropyl Alcohol (67-63-0)
State Regulations: None
International Regulations: WHMIS Controlled Product Hazard Class: E, B3

16. Other Information:

Prepared By: Ron Camp
Telephone Number: 651-481-1900
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Health	2
Flammability	2
Physical hazards	0