



Material Safety Data Sheet

CLEAN-jet cleaning Solution

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Product No. 1 Liter 030-2030 Case 12 -030-2034

Arborjet, Inc.

99 Blueberry Hill Rd

Woburn, MA 01801

In Case of Emergency, CHEM-TEL 1-800-255-3924

Product information: 1-781-935-9070

Section 1: Product Identification

Product Trade Name: CLEAN-jet
EPA Signal Word: Not a Pesticide
Active Ingredient (% w/w): Isopropanol (25.0%),
Alkyl Aryl Polyalkoxylated Alcohols
(0.50%)
Chemical Name: Isopropanol, Alkyl Aryl Polyalkoxylated
Alcohols

Section 2: Composition/Information on Ingredients

Material:	CAS No.:	Percent:	Exposure Limits:
Water	NA	74.50%	NA
Isopropanol	67-63-0	25.00%	NA
Polyalkoxylated Alcohol		0.50%	NA
Peppermint Oil		Trace	NA
FD% Green		Trace	NA

Section 3: Hazards Identification

EMERGENCY OVERVIEW

VAPOR HARMFUL.

MAY BE FATAL IF SWALLOWED.

IRRITATION IF INHALED OR ABSORBED THROUGH SKIN.

SLIGHT IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

Symptoms of Acute Exposure:

Eye: This product may cause slight eye irritation and redness. The extent of the injury will depend upon the amount and duration of contact, and the speed and thoroughness of the first aid treatment.

Skin: This product may cause slight irritation to the skin. The extent of the injury will depend upon the amount and duration of contact, and the speed and thoroughness of the first aid treatment.

Ingestion: Toxic. Harmful if swallowed. Ingestion may cause drowsiness and loss of consciousness. Stomach pains, cramps, vomiting and diarrhea may also occur. Do not induce vomiting if patient is unconscious or extremely drowsy.

Inhalation: A slight irritation to the mucus membranes. Active ingredient toxic effects exerted upon nervous system, particularly the optic nerve. Once absorbed into the body, it is very slowly eliminated. Symptoms of overexposure may include headache, drowsiness, nausea, vomiting, blurred vision, blindness, coma, and death.

Symptoms of Chronic Exposure: Repeated and prolonged exposure may cause skin irritation. Inhalation of low concentrations may cause mild irritation of nose and throat.

Potentially Aggravated Condition: Persons with pre-existing skin disorders or eye problems or impaired liver or kidney function may be more susceptible to the effects of the substance.

Section 4: First Aid Measures

Eye Contact: Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. If irritation persists, seek medical attention.

Skin Contact: If on skin, wash with soap and water thoroughly for at least 15 minutes while removing any contaminated clothing and shoes. Get medical attention if symptoms persist. Wash clothing or shoes before reuse.

Ingestion: Do NOT induce vomiting unless prescribed by a physician. If swallowed, give two glasses of water or milk to drink and contact a physician or poison control center immediately.

Inhalation: If inhaled and signs of throat or nose irritation are observed, remove person the fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. If symptoms persist get medical attention.

Note to physician: Product contains isopropyl alcohol. Treat symptomatically.

Section 5: Fire Fighting Measures

Fire and Explosion:

Flash Point: 77.9 F
Method: NA
Auto ignition: NA
Flammable Limits (% in air): Lower: NA Upper: NA
Extinguishing Media: CO₂, dry chemical, or alcohol foam, water may be ineffective.

NFPA Ratings: Health 1; Flammability 3; Reactivity 0; Special: None;

(Least-0, Slight-1, Moderate-2, High-3, Extreme-4) These values are obtained using professional judgment. Values were not available in the guidelines or published evaluations prepared by the national Fire Protection Association, NFPA.

Explosion: Moderate explosion hazard and dangerous fire hazard when exposed to extreme heat, sparks, or flames.

Fire Fighting Instructions: A self-contained breathing apparatus should be worn by fire-fighters. Full protective clothing should be worn.

Section 6: Accidental Release Measures

In Case of Spill or Leak: Control the spill or leak at the source. If product is leaking from a pressurized device, shut off the pressure to slow the source of the leak. Contain the spill to prevent it from spreading, contaminating soil, or entering sewage, drainage systems, or any body of water. For liquid spills, cover entire spill with absorbent material, and place into appropriate disposal container. Make sure to use non-spark tools and equipment. Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.

Section 7: Handling and Storage

For commercial and/or farm applications:

User must read and observe all precautions on the product label.

Store the material in a cool, dry place, in closed container. Keep away from light or where any area where a fire hazard may be acute. Protect against physical damage. Outside or detached storage is preferred. Separate from incompatibles. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this

material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Do not attempt to clean empty containers since residue is difficult to remove.

Section 8: Exposure Controls/Personal Protection

For commercial and/or farm applications:

User must read and observe all precautions on the product label.

Eye Protection: Do not get this material in your eyes. Eye contact can be avoided by wearing protective eyewear. Splash goggles are recommended. Applicators should have an eyewash bottle available while injecting. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

Skin Protection: Avoid prolonged or frequent skin contact with this material. Skin contact can be minimized by wearing protective gloves. Chemically resistant gloves should be worn at all times when handling this material. Wear chemical resistant gloves, such as polyethylene, butyl rubber, neoprene rubber or viton.

Respiratory Protection: No special respiratory protection is required under outdoor use. However, maintain good ventilation when using material. If indoor accumulations are too high, a respirator may be necessary.

Ingestion Protection: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash hands with soap and water thoroughly after use to prevent possible ingestion of this product.

Section 9: Physical and Chemical Properties

Appearance: Light green liquid
Odor: Alcohol and Mint aroma
Solubility: Completely soluble
Melting Point: NA
Boiling Point: NA
Specific Gravity: NA
Evaporation: NA
Vapor Pressure: NA
pH: 7.0

Section 10: Stability and Reactivity

Chemical Stability: Product is stable at normal ambient temperature.

Conditions to Avoid: Heat, flame, and ignition sources.

Incompatibility (Materials to Avoid): Strong oxidizing agents such as nitrates, perchlorates or sulfuric acid. Will attack some forms of plastics, rubber, and coatings. May react with metallic aluminum and generate hydrogen gas.

Hazardous Decomposition Products: May form carbon monoxide, carbon dioxide, or formaldehyde when heated to decomposition.

Hazardous Polymerization: Polymerization will not occur.

Section 11: Toxicology Information

Acute: (Isopropyl Alcohol Specific Information)

Eye Irritation: NA

Skin Irritation: NA

Dermal Toxicity: Rabbit LD50: 12,800 mg/kg

Oral Toxicity: Rat LD50: 5045 mg/kg

Inhalation Toxicity: Rat LC50/ 4h: 30 mg/L

Sub-chronic Toxicity Studies: NA

Chronic/Carcinogenicity: This product does not contain any substances that are considered by the NTP, OSHA, ACGIH or IARC to be probable or suspected human carcinogens.

Reproductive/Developmental Effects: NA

Section 12: Ecological Information

(Isopropyl Alcohol Specific Information)

Summary of Environmental Fate: NA

Avian Toxicity: NA

Aquatic Organism Toxicity: This material is expected to be slightly toxic to aquatic life.

Other Non-Target Organism Toxicity: NA

Section 13: Disposal Considerations

Applicators must dispose of any unused product as the label indicates.

Disposal Methods: Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

Section 14: Transport Information

DOT Shipping Name: NA
Technical Shipping Name: NA
DOT Hazard Class: NA
DOT Identification Number: NA
Remarks: NA

Section 15: Regulatory Information

Regulations Under FIFRA: None

Other U.S. Federal Regulations:

OSHA: NA
CERCLA RQ: NA
RCRA: NA
SARA: NA

State Regulations: Some state standards may be more strict than the federal government, therefore users should consult state or local authorities since this section cannot provide a complete list of all state regulations.

Section 16: Other Information

NA=Not Applicable
NE=Not Established

For any non-emergency questions about this product call: 1-781-935-9070

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