

Section 1 – Product and Company Identification

Product Name: **Instant Kleen – Germicidal Cleaner**
 Part Number: 120220

Company Name & Address: Beaver Research Company
 3700 E. Kilgore Road
 Portage MI 49002
 1-800-544-0133 (8 A.M. – 5 P.M. Weekdays, EST)

Emergency Numbers: IN CASE OF EMERGENCY, CALL 1-800-255-3924 (Chem-Tel)
 Poison Control Center: 1-800-222-1222

Material Safety Data Sheets: www.beaverresearch.com

Section 2 – Hazards Identification

WARNING. Causes substantial but temporary eye injury. May be harmful if inhaled. Harmful if absorbed through intact skin. Avoid breathing spray mist. Contents under pressure.

Potential Health Effects

EYES:	Causes substantial but temporary eye injury.
SKIN:	Harmful if absorbed through intact skin.
INHALATION:	May be harmful if inhaled, do not breathe spray mist.
INGESTION:	Swallowing large amounts may be harmful.
Signs/symptoms of exposure: redness, tearing or burning in eyes. Drying, burning, cracking or redness of skin. Nose, throat, and airway irritation. Dizziness, nausea, and loss of coordination possible if inadequate ventilation. Medical conditions generally aggravated by exposure: pre-existing skin conditions and lung disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.	

HMIS Rating Health – 1 Flammability – 0 Reactivity – 0 Personal Protection – B

Section 3 – Composition/Information on Ingredients

Ingredient	CAS Number	Percent Range
Water	7732-18-5	60 – 100
Isobutane	75-28-5	3 – 7
Tetrasodium EDTA	64-02-8	3 – 7
2-Butoxyethanol	111-76-2	1 – 5
Butoxydiglycol	112-34-5	1 – 5
Nonoxynol 10	9016-45-9	0.5 – 1.5
Propane	74-98-6	0.5 – 1.5

Any substance listed as hazardous by the states of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

Section 4 – First Aid Measures

EYES:	Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.
SKIN:	Immediately flush with water for 15 minutes. Remove contaminated clothing and shoes. If irritation arises and persists seek medical attention.
INHALATION:	Move to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
INGESTION:	If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 – Fire Fighting Measures

Flashpoint (PMCC):	None
Extinguishing Media:	Not usually necessary as this product does not readily support combustion. Use an extinguishing agent appropriate for fire's fuel source.
Special Fire Fighting Procedures:	Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.
Hazardous Products of Combustion:	Carbon dioxide, carbon monoxide, nitric acid, hydrochloric acid, and nitrous oxide.

Section 6 – Accidental Release Measures

Small spill:	Wipe up small releases with a dry absorbent cloth or other absorbent material.
Large spill:	Ventilate area and block traffic. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Transfer contaminated material into suitable container for proper disposal. Clean any slippery residues with suitable soap or detergent.

Section 7 – Handling and Storage

Handling:	Do not get into eyes. Wash thoroughly after handling. Avoid contact with skin and clothing. Avoid inhaling mists or vapors. Use only with adequate ventilation. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Spray can in upright position only. Follow good chemical hygiene practices when handling this material. Use from original container only and follow label directions carefully.
Storage:	Keep away from heat, sparks, open flame and direct sunlight. Store in a cool (less than 120° F) well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Do not puncture or incinerate container. Replace cap when not in use.

Section 8 – Exposure Controls/Personal Protection

Engineering controls:	Ventilation not usually necessary but should be provided in the event of overexposure.
Exposure limits:	Isobutane (CAS# 75-28-5)=800 ppm OSHA; 800 ppm ACGIH 2-Butoxyethanol (CAS# 111-76-2)=50 ppm OSHA; 20 ppm ACGIH (skin designation) Butoxydiglycol (CAS #112-34-5)=35 ppm Dow Industrial Hygiene Guide Propane (CAS# 74-98-6)=1000 ppm OSHA; Asphyxiant ACGIH
Eye protection:	Yes, wear approved safety glasses or goggles if direct contact is possible.
Skin protection:	Yes, wear impervious gloves if direct contact is possible.
Respiratory protection:	Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

Section 9 – Physical and Chemical Properties

Appearance and Odor:	Colorless to light yellow liquid with ammonia/lemon odor.	
pH: 11.0	Boiling Point: 212° F	Specific Gravity: 1.020
Vapor Density: >1	Flame Projection: None	Solubility in Water: Complete
Pressure: 130 psig	Volatile Organic Compounds (VOCs): 7.94 % by weight	

Section 10 – Stability and Reactivity

Hazardous Polymerization:	This product will not undergo hazardous polymerization.
Hazardous Decomposition or Byproducts:	Carbon dioxide, carbon monoxide, nitric acid, hydrochloric acid, and nitrous oxide.
Chemical Stability:	Stable
Incompatible Materials:	Strong oxidizers and acids.

Section 11 – Toxicological Information

No data.

Section 12 – Ecological Information

No data.

Section 13 – Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal regulations.

Waste information: If this product becomes a waste, it would not be hazardous as defined by RCRA (40CFR261). However the waste should be properly evaluated in case of modification prior to disposal.

Section 14 – Transport Information

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Dangerous Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

	UN #	Proper Shipping Description	Hazard Class	Packing Group
DOT Information	None	Consumer Commodity	ORM-D	None

Marine Pollutants: None

Section 15 – Regulatory Information**US Federal Regulations**

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory or exempt from listing.

CERCLA RQ

None

SARA 313 Components

2-Butoxyethanol (CAS 111-76-2) – 2.0%

Butoxydiglycol (CAS 112-34-5) – 2.0%

State and Local Regulations

California Proposition 65

This product contains chemicals known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

Section 16 – Other Information

WARNING! While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Beaver Research Company makes no warranty with respect thereto and disclaims all liability from reliance thereon and responsibility for improper application or misuse of product in any manner whatsoever. Final determination of suitability of any material is the sole responsibility of the user.