

MATERIAL SAFETY DATA SHEET

OSHA "Hazard Communication" (29 CFR 1910.1200)

B1055-6

SECTION I—MANUFACTURER AND PRODUCT

Becton Dickinson Microbiology Systems

250 Schilling Circle

Cockeysville, Maryland 21030

Telephone For Information: (301) 771-0100

For Emergency: (301) 584-7169

Product Name and Catalog Number**Diagnostic Reagent Droppers****Vogues Proskauer B**

4361193

SECTION II—HAZARDOUS INGREDIENTS

Hazardous Chemical Name**(Synonym)****Potassium Hydroxide****(Potash Lye)****%****40****Exposure Limit, Toxicity Data,****CAS Number****TLV: 2 mg/m³; Toxicity: hmn (skin)****50 mg/24 Hour; PEL: Not Determined; CAS #001-310-583**

SECTION III—PHYSICAL DATA

Product Component	Boiling Point °C	Vapor Pressure (mmHg)	Vapor Density (Air = 1)	Product Appearance and Odor
Potassium Hydroxide	1320	1.0	Not Determined	Plastic droppers with clear colorless solution.
Product	Not Determined	Not Determined	Not Determined	
	Sp. Grav. (H ₂ O = 1)	% Volatile By Volume	Evaporation Rate (Butyl Acetate = 1)	Product Solubility in Water
Potassium Hydroxide	2.0	Not Determined	Not Determined	Not applicable
Product	Not Determined	Not Determined	Not Determined	

SECTION IV—FIRE AND EXPLOSION HAZARD DATA

Mixture Component	Flash Point (Method)	Flammable Limits Lel% Uel%	Extinguishing Media	Special Fire Fighting Procedures or Unusual Fire and Explosion Hazards
Potassium Hydroxide	Not Determined	Not Determined	Waterspray	40% solution will boil, before pure product will at 100°C (~212°F). 1. Liquid contained in dropper will not burn. 2. Plastic components of product will burn. However, extinguishing media used for fire fighting will be compatible.
Product	Not Determined	Not Determined		

SECTION V—HEALTH HAZARD DATA

Component	
Potassium Hydroxide	Route(s) of Entry: Inhalation, skin, ingestion Health Hazards: Inhalation - may injure respiratory tract. Skin - may cause burns. Eye - may cause burns to permanent injury. Ingestion - burns and pain to esophageal structure. First Aid: Eye Contact: Immediately flush with running water for 15 min., lifting upper & lower lids, contact physician. Continue gentle flushing until medical instructions are received. Skin Contact: Flush with running water for 15 minutes. For serious cases contact physician and continue flushing until medical instructions are received; Inhalation: Safely remove to fresh air. Contact physician. Have trained person administer oxygen for respiratory distress; Ingestion: Immediately give 2-3 glasses of milk or water to drink, then citrus juice or diluted vinegar to neutralize. Contact physician. Vomiting may occur spontaneously, but do not induce it. Repeat giving liquid if vomiting occurs. Get medical help for treatment, observation and support after first aid. Carcinogenicity: Not listed by NTP, IARC or OSHA

SECTION VI—REACTIVITY DATA

Product Component	Stable/Unstable	Conditions to Avoid	Incompatibility Materials to Avoid	Hazardous Polymerization
Potassium Hydroxide	Stable	Moisture	Strong acids, wool, nitrocarbons, leather	None
Product	Stable	Not Determined	Not Determined	Will not occur.

SECTION VII—SPILL OR LEAK PROCEDURES

Spill: In the event of a spill:

- Wearing gloves absorb any liquid onto paper towels
- Pickup all other contaminated material and place in BioBag
- Autoclave all material before discarding
- Disinfect the exposed area according to established precautions against microbiological hazards

Waste Disposal: This product contains hazardous material and must be disposed of according to current Federal, State and local regulations.

SECTION VIII—SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal product usage.**Ventilation:** General and/or local to meet TLV requirements. When product is used as directed, exposure limits are not expected to reach the TLV.**Protective Gloves:** Not required under normal product usage.**Eye Protection:** Safety glasses.**Other Protective Equipment:** Eyewash station immediately available.

SECTION IX—SPECIAL PRECAUTIONS/COMMENTS

Date of Preparation: July 10, 1990**By:** Dale M. Oren

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