



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Cannabuse Hydrolysis Reagent

Catalog Number: 16002002, 16002015

Chemical Name: Potassium Hydroxide

CAS #: 1310583

Formula: KOH

INGREDIENTS

Components: 7N Potassium Hydroxide Solution in water

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: 1320C/ 2408F

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 1.300

Percent Volatile: N/A

Evaporation Rate: N/A

Solubility H₂O: Miscible

pH: 14 (1.0 M Solution)

Appearance: Clear Solution

Odor: Odorless

Melting Point: N/A

FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in air % by volume:

Lel: N/A

Uel: N/A

Flash Point: N/A

Auto Ignition Temp: N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

Special Fire Fighting Procedures: Wear proper protective equipment w/self contained breathing apparatus

Unusual Fire and Explosion Hazards: None identified.

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Moisture, heat

Incompatibility: Water, strong acids, organic materials, metals, (zinc, tin, aluminum), combustible materials, carbon dioxide

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Hydrogen reacts producing hydrogen gas which can readily combust with oxygen

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear suitable clothing, carefully contain spill and absorb with vermiculite. Wash area with water

Waste Disposal Method: Dispose in accordance with state, local and federal regulations.

SPECIAL PROTECTION INFORMATION

Eye Protection: Safety goggles

Skin Protection: Gloves, coveralls closed to neck

Respiratory Protection: None Required under normal use.

Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust.

Other Protection: Have shower available and wash thoroughly after use.

SPECIAL PRECAUTIONS

Insert Precautions:
Keep container tightly closed.

Contaminated Equipment Precautions: Wash thoroughly with soap and water.

Hygienic Handling and Storage: Wash thoroughly with soap and water.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: May be harmful if swallowed in large quantity. **DO NOT** induce vomiting. Drink large amounts of water or milk. Seek medical attention

Inhalation: Remove to fresh air. If breathing difficulty occurs seek medical attention.

Skin Contact: Irritant. Wash immediately with copious amounts of water, rinse with dilute vinegar.

Eye Contact: Rinse with copious amounts of water for at least 15 minutes. Causes alkali burns, seek medical attention.

Health:	3	Severe
Flammability:	0	None
Reactivity:	2	Moderate
Contact:	4	Extreme

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