

MATERIAL SAFETY DATA SHEET

MANUFACTURER:	BOTANICARE 6858 W. CHICAGO ST. #3 CHANDLER, AZ 85226
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I. HAZARDOUS INGREDIENTS

Potassium hydroxide	CAS NO. 1310-58-3
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II. PHYSICAL AND CHEMICAL CHARACTERISTICS

INCOMPATIBILITY:	Avoid contact with materials such as strong acids which could cause severe reactions and because of high heat reaction can generate steam.
SOLUBILITY:	Soluble
APPEARANCE:	Clear, colorless liquid
MELTING POINT:	N/A
SPECIFIC GRAVITY:	1.3
VAPOR PRESSURE:	@ 20 C (mm Hg.): .0285 (100% acid)
BOILING POINT:	(760 mmHG): 100 C
pH:	Basic
STABILITY:	Product is stable

III. FIRE AND EXPLOSION DATA

FLASH POINT:	Non-Flammable
AUTOIGNITION:	N/A
CORROSIVITY:	Extremely corrosive in presence of Aluminum.
EXTINGUISHING MEDIA:	Media as needed to control primary source of fire
SPECIAL FIREFIGHTING PROCEDURES:	Wear respirator. Control runoff water.

IV. PHYSIOLOGICAL & HEALTH EFFECTS

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 607 mg/kg (Rat) (Calculated value for the mixture).

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans: Extremely hazardous in case of skin contact (corrosive, irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

V. EMERGENCY & FIRST AID PROCEDURES

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Finish by rinsing thoroughly with running water to avoid a possible infection. Cold water may be used.

Skin Contact:

If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and nonabrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:

Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available

VI. SPECIAL PROTECTIVE INFORMATION

EYE PROTECTION: To minimize eye contact, wear chemical goggles while handling this material. Have eye baths immediately available.

SKIN PROTECTION: To minimize skin contact, wear full length clothing or protective clothing, gloves and boots which are appropriate for the accompanying chemical product being mixed. **RESPIRATORY PROTECTION:** Avoid breathing spray mist.

VII. ENVIRONMENTAL PROTECTION

Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid.

Large Spill:

Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

WASTE DISPOSAL METHODS: Dispose of waste materials and containers according to local, state and federal regulations.

VIII. SPECIAL PRECAUTIONS

Read and observe all precautions on the product label. Keep product in original container.

DATE PREPARED: 10/01/2012

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