MSDS Material Safety Data

Jorgensen Laboratories, Inc.
1450 North Van Buren Avenue
Loveland, CO 80538

KOH, 10%

Product Codes: J326
Effective Date: July 1, 2004
24 Hour Emergency Telephone:
CMB: (800)535-5053

All non-emergency questions may be directed to customer service @ (970)669-2500 or fax (970)663-5042

HAZARDOUS INFORMATION

Product Identification

Hazardous Ingredient: Potassium Hydroxide, 10%
Synonyms: Caustic potash, potassium hydrate
CAS #: 1310-58-3
Molecular Weight: 56.11 Chemical Formula: KOH

HAZARDS IDENTIFICATION

Emergency Overview

CAUTION! CORROSIVE! HARMFUL IF SWALLOWED OR INHALED! Causes irritation or burns to eyes, skin and respiratory tract. Avoid contact with eyes, skin and clothing.

SAFETY RATINGS: Health: 1, Slight Reactivity: 0, None
Flammability: 0, None Contact: 1, Slight

Protective Equipment: Goggles, Lab Coat or Apron, Gloves, Local or General Exhaust Ventilation.

Storage Code: Green: Minimal Hazard.

Potential Health Effects

INHALATION:
May cause irritation. Symptoms may include coughing, sneezing and damage to the nasal or respiratory tract.

INGESTION:
Harmful or may be fatal. May cause nausea, vomiting, diarrhea and burning of the mouth, throat and stomach.

SKIN CONTACT:
May cause irritation and redness.

EYE CONTACT:
May cause irritation, redness and burns.

CHRONIC EXPOSURE:
No information available.

AGGRAVATION of PRE-EXISTING CONDITIONS:
No information available.

FIRST AID MEASURES

INHALATION:
Remove to fresh air if effects occur.

INGESTION:
Do not induce vomiting. Give several glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

SKIN CONTACT:
Wash with mild soap and water. Get medical advise if irritation develops.

EYE CONTACT:
Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical advise.

FIRE FIGHTING MEASURES

FIRE:
Not considered to be a fire hazard.
EXPLOSION:
Not considered to be a explosion hazard.
FIRE EXTINGUISHING MEDIA:
Use any means suitable for extinguishing surrounding fire.
SPECIAL INFORMATION:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
NFPA RATINGS: Health: 1 Flammability: 0 Reactivity: 0

ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment as specified in the Personal Protection Section. Collect liquid in an appropriate container or absorb with a paper towel for proper disposal. Wash area with soap and water.

HANDLING AND STORAGE

Store in a cool, dry, ventilated area away from flame, sources of ignition and heat. Keep containers tightly closed and upright. Protect from physical damage. Keep out of direct sunlight and separate from incompatible materials. Storage and use areas should be non-smoking.

PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS:
None established.
VENTILATION SYSTEM:
In general, dilution ventilation is a satisfactory health hazard control for this substance.
PERSONAL RESPIRATORS (NIOSH) APPROVED:
No information available.
SKIN PROTECTION:
Wear protective clothing, gloves, lab coat or apron, as appropriate, to prevent skin contact.
EYE PROTECTION:
Use chemical safety glasses or goggles. Maintain eye wash fountain in work area.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear Liquid.
ODOR:	None.
SOLUBILITY:	Miscible with water.
SPECIFIC GRAVITY:	No information available.
pH:	No information available.
% VOLATILES by VOLUME:	No information available.
BOILING POINT:	No information available.
MELTING POINT:	No information available.
VAPOR DENSITY (Air =1):	No information available.
VAPOR PRESSURE (mm Hg):	No information available.
EVAPORATION RATE (BuAc=1):	No information available.

STABILITY AND REACTIVITY

STABILITY:
Stable under ordinary conditions of use and storage.
HAZARDOUS DECOMPOSITION PRODUCTS:
No information available.
HAZARDOUS POLYMERIZATION:
Will not occur.
INCOMPATIBILITIES:
No information available.
CONDITIONS to AVOID:
Heat.

TOXICOLOGICAL/ECOLOGICAL INFORMATION

TOXICOLOGICAL DATA/ENVIRONMENTAL TOXICITY:
No information available.

DISPOSAL INFORMATION

Dispose of container and unused contents in accordance with federal, state and local requirements. State and local disposal regulation may differ from federal disposal regulations.

OTHER INFORMATION

TRANSPORT (Land, DOT):
Not regulated.
PRODUCT USE:
Laboratory Reagent.

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