

1. IDENTIFICATION

IDENTIFIER (AS SOLD): Potassium Hydroxide – Food Grade (Caustic Potash) (2 Pound Jar)
IDENTIFIER (AS LABELED): Potassium Hydroxide / Caustic Potash
WEIGHT: 0.908kg (2lb)
RECOMMENDED USE/RESTRICTION: Used in liquid soap making, cleaners, water treatment, food preparation, pH buffer, metal dissolution and bio-diesel
MANUFACTURER'S NAME: Belle Chemical
EMERGENCY PHONE: CHEMTREC (800) 262-8200
BUSINESS PHONE: 406-672-7988

Health	3
Fire	0
Reactivity	0

2. HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Skin Corrosion (1A)
Eye Damage (1)
SIGNAL WORD: Danger
HAZARD STATEMENT(S): Causes severe skin burns and eye damage.



SYMBOL(S):
PRECAUTIONARY STATEMENT(S): Do not breathe dusts. Wash exposed skin thoroughly after handling. Wear protective clothing when handling the product. If swallowed: rinse mouth and seek medical attention. If in eyes or on skin: Rinse area with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention after rinsing eyes, or if skin irritation persists.
HAZARDS NOT CLASSIFIED: Not Applicable
UNKNOWN ACUTE TOXICITY: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENT(S)

CHEMICAL NAME	CAS #	% w/w	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA			NIOSH
			TLV TWA	STEL	PEL	STEL	IDLH	REL
Potassium Hydroxide	1310-58-3	90	2mg/m ³	NE	2mg/m ³	NE	NE	NE

4. FIRST-AID MEASURES

INHALATION: Remove person to fresh air and keep comfortable for breathing. Seek medical attention if unwell.
EYES: Hold eyelids open and flush with a steady stream of water for 20 minutes. Seek medical attention after rinsing.
SKIN: Wash affected area with soap and water. Seek medical attention if burns require treatment.
INGESTION: Rinse mouth. **DO NOT INDUCE VOMITING** unless directed by a medical professional. Seek medical attention.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MATERIALS: Not considered to be a fire hazard. Use extinguishing media applicable to the surrounding fire.
SPECIAL EQUIPMENT: Use water spray to cool containers. Wear full protective clothing and self-contained breathing apparatus (SCBA).
SPECIFIC HAZARDS: When heated to decomposition, this product may emit carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Contain material and absorb with inert material. In some cases dilution with significant water may be required. Disposal according to Federal, State and local regulations. Do not allow concentrated material to discharge into controlled waterways. Wear PPE according to Section 8.

7. HANDLING and STORAGE

SAFE HANDLING: Wash hands after handling material. Do not eat, drink, or smoke while handling material. Do not get in eyes. Mixture is toxic when consumed by animals.
SAFE STORAGE: Store in cool, dry, well-ventilated area away from incompatible materials.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

ENGINEERING CONTROLS: Use with adequate ventilation
RESPIRATORY: NIOSH-approved respirator
HAND: Hand protection made of compatible material
OTHER PROTECTIVE MEASURES: Eye wash fluid should be accessible in case of eye irritation due to exposure
EYE: Face shield and goggles
BODY: Appropriate for exposure or work environment

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White flake
PH: ≥14 (in solution)
FLASH POINT: Not Established
UEL / LEL: Not Established
RELATIVE DENSITY: ~1.8
AUTO-IGNITION: Not Established

ODOR: Not Established
MELT/FREEZE POINT: ~604°F
EVAPORATION RATE: Not Established
VAPOR PRESSURE: Not Established
SOLUBILITY(IES): Water, Alcohol
DECOMPOSITION TEMP: Not Established

ODOR THRESHOLD: Not Established
BOILING POINT/RANGE: 2,530°F
FLAMMABILITY: Not Established
VAPOR DENSITY: Not Established
PARTITION COEFFICIENT: Not Established
VISCOSITY: Not Established

10. STABILITY AND REACTIVITY

REACTIVITY: Reacts with some metals to release flammable gasses/vapors
CHEMICAL STABILITY: Stable under normal conditions
CONDITIONS TO AVOID: Direct sunlight or temperature extremes
INCOMPATIBLE MATERIALS: Strong acids and metals. Dilution with water will evolve heat.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not considered toxic
NTP/IARC SUSPECTED CARCINOGEN: Not suspected.
SYMPTOMS OF EXPOSURE: Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage.
TOXICITY ESTIMATE(S): Not available

12. ECOLOGICAL INFORMATION

ECOTOXICITY: May cause adverse affects to aquatic life by pH modification.
PERSISTENCE AND DEGRADABILITY: Biodegradable
BIOACCUMULATIVE POTENTIAL: Product is biodegradable and non-accumulative
MOBILITY IN SOIL: Not tested as a whole
OTHER ADVERSE EFFECTS: May cause adverse pH modification in aqueous ecological systems

13. DISPOSAL CONSIDERATIONS

SAFE HANDLING AND DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORTATION INFORMATION

UN NUMBER/SHIPPING NAME: UN1813/Potassium Hydroxide, Solid (Consumer Commodity, ORM-D)
TRANSPORT HAZARD CLASS(ES): Class 8, Corrosive
DOT: ORM-D (Consumer Commodity in limited quantities, < 33kg)
PRODUCT WEIGHT: 0.908kg
PACKING GROUP: II
SHIPPING: ORM-D, Class 8 Corrosive, Consumer Commodity in limited quantity (less than 30kg (66lbs)
SHIPPING WEIGHT: 0.908kg (1 pound)
SPECIAL PROVISIONS: 1B8, IP2, IP4, T3, TP33
PACKAGING EXCEPTIONS: 154
PACKAGING NON-BULK: 212
PACKAGING BULK: 240
ENVIRONMENTAL HAZARDS: May cause adverse pH modification in aqueous ecological systems
TRANSPORT IN BULK: No requirements
SPECIAL PRECAUTIONS: None

15. REGULATORY INFORMATION

SARA 302: No requirements.
SARA 311/312: Acute
SARA 313: No requirements.
TSCA STATUS: All constituents.
CALIFORNIA PROPOSITION 65: Not found.
CERCLA (RQ): Potassium Hydroxide (1000-lbs.)
STATE REGULATIONS: Potassium Hydroxide: MA, NJ, PA
EUROPEAN INVENTORY: Constituents of this product are listed on EINECS

16. OTHER INFORMATION

The information and recommendations herein are taken from data contained in independent industry recognized references including NIOSH, OSHA, ANSI, and NFPA. No guarantee, express or implied, and no liability is assumed by Belle Chemical in conjunction with the use of this information.

DATE OF PREPARATION: 09/25/2017