

## Regular Bleach

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Regular Bleach
Reference Number	40000023
Company	KIK Custom Products 33 MacIntosh Blvd. Concord, Ontario L4K 4L5 T: 905-660-0444
24 Hour Emergency Contact	1-800-255-3924
Prepared By	Product Development KIK Classic Division
Revised Date	August 16, 2012

### SECTION 2: HAZARD IDENTIFICATION

**General Advice:** May cause eye and skin irritant. If irritation occurs see a doctor immediately. Keep out of reach of children and pets.

**Routes of Exposure:** Eyes, Skin, Inhalation, Ingestion

**Potential Health Effects:**

**Eyes:** Vapor or mist can be irritation, causing redness. Concentrated vapor, mist or splashed liquid can cause severe irritation, burns or even permanent blindness.

**Skin:** Contact may produce severe irritation or corrosive skin damage, depending upon length of contact. Under normal consumer use conditions the likelihood of any adverse health effects are low.

**Inhalation:** Vapor or mist can cause irritation to nose, throat and upper respiratory tract. Symptoms include: coughing, choking. Severe exposure can result in pulmonary edema and corrosion of tissues in the nose and throat.

**Ingestion:** Causes severe burns of the mouth, esophagus, and stomach, with consequent pain, nausea, vomiting, diarrhea, circulatory collapse.

**Target organs:** Eyes. Skin.

**Chronic effects:** Not known.

## Regular Bleach

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>Concentration %</i>	<i>CAS No.</i>	<i>Worker Exposure Limit</i>	<i>LC50/ LD 50 Oral (Rat)</i>
Sodium Hypochlorite	5 – 7	7681-52-9	2 mg/m <sup>3</sup> – PEL*	Not available
Sodium Hydroxide	<1	1310-73-2	2 mg/m <sup>3</sup> –TLV-C*	Not available

\* PEL = OSHA Permissible Exposure Limit

\* TLV-C = ACGIH Threshold Limit Value – Ceiling

### SECTION 4: FIRST AID MEASURES

**Eyes:** Flush eyes immediately with lukewarm water for at least 20 minutes. Remove contact lenses after first 5 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. See doctor immediately.

**Skin:** Remove contaminated clothing. Immediately wash the skin with copious amount of lukewarm water for at least 20 - 30 minutes. See doctor immediately.

**Inhalation:** Move to fresh air immediately and restore breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. See doctor immediately.

**Ingestion: DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL!** Rinse mouth out with water. Drink 1 or 2 glasses of water, if swallowing is possible. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.

### SECTION 5: FIRE FIGHTING MEASURES

This product is neither flammable nor explosive.

Suitable extinguishing media : Treat for surrounding material.

Protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Always contained all type of spills. Be sure to wear protective equipment (see Section 8)

**Leak and Spill Procedure:** Rinse with water, mop up, dispose of in accordance with local, state/provincial and federal regulations.

**Large Spills:** Large spills should be contained, and if not recoverable, then diluted with water. Use a water rinse for final clean-up

## Regular Bleach

### SECTION 7: HANDLING AND STORAGE

**Handling:** Use only as directed. Avoid any contact with eyes, skin and clothing. When using, do not eat or drink.

**Storage:** Store in a cool, dry and well-ventilated area. Always keep the container closed when not in use. KEEP OUT OF REACH OF CHILDREN AND PETS.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Household Setting

**Eyes Protection** – No special requirements under normal use conditions.

**Hand Protection** – No special requirements under normal use conditions. For prolonged exposure, use gloves.

**Footwear** – No special requirements under normal use conditions.

**Respiratory protection** – Not normally required.

#### Industrial Setting

**Eyes Protection** – Wear splash-resistant, full-face shield chemical goggles.

**Hand Protection** – Use suitable gloves.

**Footwear** – Impervious boots of chemically resistant material should be worn at all times.

**Respiratory protection** – If ventilation is not sufficient to prevent vapor build up, use appropriate NIOSH/MSHA respiratory protection.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Appearance	: Clear
Color	: Colorless to slightly yellow
Odor	: Bleach
pH	: 12.6 maximum
Specific Gravity	: 1.08 minimum (water = 1)
Viscosity	: Water thin
Water Solubility	: Complete
Boiling Point	: 212°F
Melting Point	: no data available
Freezing point	: no data available

## Regular Bleach

### SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and storage conditions.

**Conditions to avoid:** Temperature above 40°C, sunlight and metals.

**Materials to avoid:** Acids, ammonia, urea, metals and oxidizers.

**Reactivity:** Reacts with other household products containing such chemicals as Acids, rust remover, urea or ammonia to produce hazardous gases such as chlorine and other chlorinated species. Oxygen is released on contact with metals. Extended contact with metals may cause discoloration or pitting.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Oral Toxicity:** Will cause irritation, pain and inflammation to digestive tract.

**Acute dermal toxicity:** Will cause moderate irritation to skin and severe irritation and pain to eyes.

**Chronic toxicity** : None known

**Carcinogenic Effects** : Not considered to be carcinogenic by IARC, NTP and ACGIH

**Mutagenic Effects** : None Known

**Reproductive Toxicity** : None Known

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity effects** : Not Available

### SECTION 13: DISPOSAL CONSIDERATIONS

Reclaim or dispose in accordance with federal, provincial and local regulations.

### SECTION 14: TRANSPORTATION INFORMATION

**U.S. DOT and Canadian TDG land Transportation**

**DOT:** Not Restricted

**IMDG Sea Transport**

Class: 9

UN: UN3082

Proper Shipping Name: Environmentally Hazardous Substance Liquid, N.O.S. (Sodium Hypochlorite)

Packaging Group: III

Marine Pollutant: Sodium Hypochlorite

## Regular Bleach

### SECTION 15: REGULATORY INFORMATION

**TSCA/DSL Status:** All components in this product are on the U.S. TSCA and Canadian DSL.

**WHMIS (Canada):** Class C: Oxidizing Material  
Class D, Div. 2, Toxic Liquid, Skin Sensitizer

### SECTION 16: OTHER INFORMATION

#### HMIS Ratings

Health : 2  
Flammability : 0  
Reactivity : 2

#### NFPA Ratings

Health : 2  
Flammability : 0  
Reactivity : 2

Created By: Mitul Bhandari	Date: 8/16/12
Approved By: Eden Mercado	Date: 8/16/12

As the handling and use of this product are beyond our control, no warranty, expressed or implied is made concerning this product. The information contained here is offered only as a guide and is not intended to be all-inclusive in the manner and conditions of use and handling. The user assumes all risks of use or handling whether or not in accordance with any directions or suggestions of the manufacturer. Manufacturer shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our product.