

Germicidal Bleach

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Germicidal 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 substantial but temporary eye and skin irritation. If irritation occurs, consult a physician. Keep out of reach of children and pets.

Routes of Exposure: Eyes, Skin, Inhalation, Ingestion

Potential Health Effects:

Eyes: May cause substantial but temporary eye injury.

Skin: May cause skin irritation.

Inhalation: Inhalation of vapors may irritate nose, throat and lungs.

Ingestion: May cause nausea and vomiting.

Target organs: Eyes. Skin. Respiratory system.

Chronic effects: Not known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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

*TLV-C = ACGIH Threshold Limit Value – Ceiling

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SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with cool running water holding eyelids apart to ensure thorough rinsing for at least 15 minutes. Remove contact lenses after first few minutes of rinsing and then continue the rinsing. See a physician immediately.

Skin: Remove contaminated clothing. Wash skin with soap and water for at least 15 minutes. If irritation occurs, consult a physician.

Inhalation: Move to fresh air and restore breathing if required.

Ingestion: DO NOT INDUCE VOMITING! Drink 1 or 2 glasses of water. Do not give anything by mouth to a convulsing or unconscious person. See a physician 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 contain all types of spills. Be sure to wear protective equipment (see Section 8)

Leak and Spill Procedure: Dilute product by flooding area with large quantity of water and flush to sanitary sewer

Large Spills: Contain run-off by diking with suitable material. Soak up liquid on inert absorbent and transfer to approved container for disposal by approved methods. Use a water rinse for final clean-up.

Personal Protection in Case of Large Spill: safety glasses, boots and gloves.

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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 away from direct sunlight and heat to avoid deterioration. Always keep the container upright and tightly capped at all times. **KEEP OUT OF REACH OF CHILDREN AND PETS.**

Incompatibility: Acids, ammonia, urea, metals & oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Household Setting

Eyes Protection – None for consumer use conditions.

Hand Protection – None for consumer use conditions. Use gloves for sensitive skin.

Footwear – Protect shoes and feet when using product for floor cleaning..

Respiratory protection – Not normally required.

Industrial Setting

Eyes Protection – Wear splash-resistant chemical safety glasses.

Hand Protection – Use suitable gloves.

Footwear – Protect shoes and feet when using product for floor cleaning.

Respiratory protection – No special requirements needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Appearance	: Clear
Color	: Pale Yellow
Odor	: Bleach
pH	: 12.6 maximum
Specific Gravity	: 1.08 minimum (water = 1)
Viscosity	: Not available
Water Solubility	: Complete
Boiling Point	: Not available
Melting Point	: Not available
Freezing point	: Not available

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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 & oxidizers.

Reactivity: Reacts with other household products containing such chemicals as acids, rust removers, 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

Toxicity Effects: Not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Effects: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Reclaim or dispose in accordance with local regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT and Canadian TDG land Transportation

Not a DOT regulated material (USA)

Not regulated under TDG.

SECTION 15: REGULATORY INFORMATION

WHMIS (Canada): Not a WHMIS controlled product.

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SECTION 16: OTHER INFORMATION**HMIS Ratings**

Health : 2
Flammability : 0
Reactivity : 1

NFPA Ratings

Health : 2
Flammability : 0
Reactivity : 1

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