

# Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>3*</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>1</td> </tr> </table>	Health Hazard	3*	Fire Hazard	0	Reactivity	1		
Health Hazard	3*								
Fire Hazard	0								
Reactivity	1								

Issuing Date 07-May-2007

Revision Date 07-May-2007

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Great Value (GV) Regular Bleach

**Recommended Uses**  
 Bleach  
 Contains more than 1% of active chlorine  
 Cleaning agent  
 Home care

**Supplier Address**  
 KIK International  
 33 MacIntosh Blvd, Concord, Ontario,  
 L4K 4L5  
 CA  
 Phone:905-660-0444  
 Fax:905-660-7333  
 Contact Phone: 905-660-0444  
 Emergency Phone: : 1-800-255-3924

**Company Emergency Phone Number** : 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

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**WARNING!**

### Emergency Overview

Severe eye irritation.  
May cause burns of eyes, skin and mucous membranes  
Irritating to eyes, respiratory system and skin  
Harmful if swallowed.

**Appearance** Pale yellow**Physical State** Liquid.**Odor** slight chlorine**Potential Health Effects****Principle Routes of Exposure**

Inhalation, Skin contact, Eye contact.

**Acute Toxicity****Eyes**

Severely irritating to eyes. May cause burns. Risk of serious damage to eyes.

**Skin**

Contact causes severe skin irritation and possible burns.

**Inhalation**

Harmful by inhalation.

**Ingestion**

Can burn mouth, throat, and stomach. Harmful if swallowed.

**Chronic Effects**

Avoid repeated exposure. Possible risks of irreversible effects.

**Aggravated Medical Conditions**

None known

**Environmental Hazard**

See Section 12 for additional Ecological information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sodium hypochlorite	7681-52-9	5 - 10
Water	7732-18-5	60 - 100

## 4. FIRST AID MEASURES

**General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.

**Inhalation**

Move to fresh air. Call a physician or Poison Control Center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion**

Immediate medical attention is required. Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Call a physician or Poison Control Center immediately.

**Notes to Physician**

Treat symptomatically.

**Protection of First-aiders**

Use personal protective equipment. Avoid contact with skin, eyes and clothing.

**5. FIRE-FIGHTING MEASURES**

<b>Flammable Properties</b>	Not flammable
<b>Flash Point</b>	Not Applicable
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Uniform Fire Code</b>	<ul style="list-style-type: none"> <li>• Irritant: Liquid</li> <li>• Other Health Hazard: Target Organ Toxin--Liquid</li> </ul>
<b>Hazardous Combustion Products</b>	Carbon oxides
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	Not sensitive
<b>Sensitivity to static discharge</b>	Not sensitive

**Specific Hazards Arising from the Chemical**

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

<b>NFPA</b>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
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**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for Cleaning Up</b>	Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. After cleaning, flush away traces with water.
<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Tightly fitting safety goggles. Face-shield.
<b>Skin and Body protection</b>	Impervious clothing. Impervious gloves. Boots. Chemical resistant apron.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
<b>Hygiene Measures</b>	Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Keep away from food, drink and animal feeding stuffs. Regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Pale yellow	<b>Odor</b>	slight chlorine
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH</b>	12.6		
<b>Flash Point</b>	Not Applicable	<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No data available	<b>Boiling Point/Range</b>	100Â°C / 212Â°F
<b>Melting Point/Range</b>	No data available		
<b>Flammability Limits in Air</b>	No data available	<b>Explosion Limits</b>	No data available
<b>Specific Gravity</b>	No data available	<b>Water Solubility</b>	Soluble in water
<b>Solubility</b>	No data available	<b>Evaporation Rate</b>	No data available
<b>Vapor Pressure</b>	No data available	<b>Vapor Density</b>	No data available
<b>VOC Content</b>	Not applicable	<b>Partition Coefficient (n-octanol/water)</b>	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	Exposure to air or moisture over prolonged periods.
<b>Incompatible Products</b>	Incompatible with strong acids and bases. Incompatible with oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity

**Product Information** No acute toxicity information is available for this product.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite	8200 mg/kg ( Rat )	10000 mg/kg ( Rabbit )	

### Chronic Toxicity

**Chronic Toxicity** Avoid repeated exposure. Possible risks of irreversible effects.

**Carcinogenicity** There are no known carcinogenic chemicals in this product

### Mutagenicity

**Sensitization** May cause sensitization of susceptible persons.

**Reproductive Toxicity** This product does not contain any known or suspected reproductive hazards

**Target Organ Effects** Eyes, Skin.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Sodium hypochlorite	EC50 = 0.095 mg/L 24 h	LC50 0.22 - 0.62 mg/L Pimephales promelas 96 h LC50= 5.9 mg/L Pimephales promelas 96 h		EC50 = 2.1 mg/L 96 h

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D002

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste Status
Sodium hypochlorite	Toxic; Ignitable; Reactive

## 14. TRANSPORT INFORMATION

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<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

**International Inventories**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite	100 lb			X

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium hypochlorite	100 lb	

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Sodium hypochlorite	X	X	X		
Water					

**International Regulations**

Mexico - Grade

No information available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

E Corrosive material

**16. OTHER INFORMATION**

<b>Issuing Date</b>	07-May-2007
<b>Revision Date</b>	07-May-2007
<b>Revision Note</b>	No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**