

# Material Safety Data Sheet

Laundry Bleach

## Manufacturer Information

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### Date Prepared:

3/8/11

## Hazardous Composition

CAS #	Component	Percent
15630-89-4	Sodium percarbonate	>30

### Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

## Physical/Chemical Properties

<b>Appearance:</b>	White	<b>Odor:</b>	None
<b>Physical State:</b>	Powder	<b>pH:</b>	10.5 (1% conc)
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	ND
<b>Boiling Point:</b>	ND	<b>Melting Point:</b>	ND
<b>Solubility (H2O):</b>	Complete	<b>Specific Gravity:</b>	0.90 kg/l
<b>Evaporation Rate:</b>	ND	<b>VOC:</b>	0
<b>Viscosity:</b>	ND	<b>Octanol/H2O Coeff.:</b>	ND
<b>Flash Point:</b>	>100°C	<b>Flash Point Method:</b>	ND
<b>Upper Flammability Limit (UFL):</b>	None	<b>Lower Flammability Limit (LFL):</b>	None
<b>Burning Rate:</b>	ND	<b>Auto Ignition:</b>	ND

## Fire and Explosion

**Flash Point:** >100°C  
**Upper Flammable Limit (UFL):** None  
**Auto Ignition:** ND  
**Rate of Burning:** ND

**Method Used:** ND  
**Lower Flammable Limit (LFL):** None  
**Flammability Classification:** None

### Extinguishing Media:

Use appropriate media for surrounding fire. Contains oxidizing percarbonate that can release oxygen by activation. Therefore don't sprinkle water on dry product.

### Special Fire Fighting Procedures:

Firefighters should wear full protective gear.

### Unusual Fire and Explosion Hazards:

None

## Reactivity Data

### Stability:

Even when properly stored, the sodium carbonate peroxide will lose activity. Therefore it is recommended to consume the product within a year.

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### Hazardous Decomposition:

None under normal conditions.

### Incompatibility:

Combustibles. Acids. Metals. Reducing agents. Organic compounds. Hypochlorite.

### Hazardous Polymerization:

Will not occur.

### Conditions To Avoid:

Heat. Heat sources. Moisture.

## Health Hazard Data

### Routes of Entry:

Eye, skin and gastrointestinal tract.

### Acute Skin Contact:

Prolonged or repeated contact may cause skin to become dry or irritated.

### Chronic Skin Contact:

Not Determined

### Acute Eye Contact:

May cause eye irritation. Redness, pain.

### Acute Ingestion:

May cause gastrointestinal irritation if swallowed. Symptoms include diarrhea, nausea, vomiting, and abdominal pain.

### Carcinogenicity:

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### Medical Conditions Aggravated by Exposure:

None

## EMERGENCY & FIRST AID PROCEDURES

### Ingestion:

Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water. Seek medical advice.

### Inhalation:

Remove victim to fresh air. Seek medical attention if ill effect or irritation develops.

### Skin Contact:

Rinse affected area thoroughly with water to remove concentrated product. Remove contaminated clothing. Seek medical attention if ill effect or irritation develops.

### Eye Contact:

Rinse immediately and for a long time with plenty of water. Seek medical attention if the irritation persists. Inadequate first aid may lead to persisting eye complaints.

## Precautions for Safe Handling and Use

### Steps to taken in case of release or spill:

Stop the flow of material, if this is without risk. Isolate area. Keep unnecessary personnel away. Recover usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the remainder with water and a water and dust vacuum cleaner. Avoid release to the environment. Prevent entry to sewers and public waters.

### Waste Disposal Method:

Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice.

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### Handling and Storage

Avoid contact with skin, eyes and clothes. When using, do not eat, drink or smoke. Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight. Keep out of the reach of children. Store away from heat/moisture. Reducing agents (combustibles). Acids.

### Transportation Information:

### US DOT Information

Shipping Name: Not Regulated

## Control Measures

### Respiratory:

None required under normal product use conditions. Use appropriate respirator when cleaning spilled material.

### Monitoring:

Not Applicable

### Medical Surveillance:

Not Applicable

### Skin:

Wear waterproof gloves (preferably PVC or butyl rubber) in case of intensive use or contact with undiluted product.

### Eyes:

Wear chemical goggles when clearing spilled material.

### Ventilation Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

## Other Information:

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