



## DIBAC (US)

HMIS		NFPA	Personal protective equipment
Health	3	3	
Flammability	0	0	
Physical Hazard / Instability	0	0	

Version Number: 2

Preparation date: 2011-04-13

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: DIBAC (US)

MSDS #: MS0300405

Product Code: 08500100, 08500153, 08500280, 08500330, 08500470, 5920931

Recommended use:

- Disinfectant / Deodorizer / Sanitizer
- This product is intended to be diluted prior to use

## Manufacturer, importer, supplier:

US Headquarters  
 Diversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.diversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

## 2. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL IF SWALLOWED. OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.  
 Eye contact: Corrosive. Causes irreversible eye damage.  
 Skin contact: Corrosive. Causes permanent damage.  
 Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.  
 Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium hypochlorite	7681-52-9	10 - 20%	5000	>10000 mg/kg	Not available
Sodium hydroxide	1310-73-2	1 - 5%	500	=1350 mg/kg	Not available

## 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Take off contaminated clothing. Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Specific hazards:** Not applicable  
**Unusual hazards:** Corrosive material (See sections 8 and 10).  
**Specific methods:** No special methods required

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

**Extinguishing media which must not be used for safety reasons:** No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment  
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Soak up with inert absorbent material. Shovel into suitable container for disposal. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wear goggles, protective clothing, and gloves. Remove and wash contaminated clothing before re-use. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Mix only with water. DO NOT MIX WITH ACIDS, TOILET BOWL CLEANERS, AMMONIA, OR ANY OTHER CHEMICAL. Can react to release chlorine gas. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves  
**Skin and body protection:** Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.  
**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Sodium hydroxide	1310-73-2	2 mg/m <sup>3</sup> (Ceiling)	2 mg/m <sup>3</sup> (TWA)	2 mg/m <sup>3</sup> (Ceiling)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Appearance:** Liquid  
**Specific gravity:** 1.23  
**Vapor density:** No information available  
**Boiling point/range:** Not determined  
**Decomposition temperature:** Not determined  
**Solubility:** Completely Soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available  
**Elemental Phosphorus:** 0 % by wt.  
**pH:** 12.4  
**Explosion limits:** - upper: Not determined - lower: Not determined

**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Color:** Clear Yellow  
**Odor:** Chlorine  
**Melting point/range:** Not determined  
**Autoignition temperature:** No information available  
**Density:** 10.26 lbs/gal  
**Flash point:** > 200 °F > 93.4 °C  
**Viscosity:** No information available  
**VOC:** 0 % \*  
**Dilution pH:** 11.5 @ 1:128

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur  
**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** Acids. Ammonia. Ammonium salts. Organic materials. Reducing agents.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Corrosive Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
<b>Component Information:</b>	See Section 3
<b>Chronic toxicity:</b>	None known
<b>Specific effects</b>	
<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

## 12. ECOLOGICAL INFORMATION

<b>Environmental Information:</b>	No data available
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## 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal

### **Pesticide Storage:**

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

### **Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

### **Container Disposal:**

Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, <http://naextranet.diverse.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** UN1791, HYPOCHLORITE SOLUTION, 8, III

**IMDG (Ocean) Bill of Lading Description:** UN1791, HYPOCHLORITE SOLUTION, 8, III

## 15. REGULATORY INFORMATION

### **International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

### **U.S. Regulations**

**EPA Reg. No. :** 875-47

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

### **CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hypochlorite	7681-52-9	10 - 20%	100		
Sodium hydroxide	1310-73-2	1 - 5%	1000		

### **SARA 311/312 Hazard Categories**

<b>Immediate:</b>	X
<b>Delayed:</b>	-
<b>Fire:</b>	-
<b>Reactivity:</b>	-
<b>Sudden Release of Pressure:</b>	-

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** None

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