

# MATERIAL SAFETY DATA SHEET



## DIVERSOL BX/A

HMIS		NFPA	Personal protective equipment
Health	3	3	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2008-08-25

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** DIVERSOL BX/A  
**MSDS #:** MS0300175  
**Product Code:** 0021150, 4997952, 4997987, 0837012  
**Recommended use:** Cleaner & Sanitizer. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**  
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.johnsondiverse.com  
 Canadian Headquarters: JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1  
 Phone: 1-800-668-3131

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

DANGER. CORROSIVE TO EYES. CAUSES EYE BURNS. CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. MAY BE HARMFUL IF SWALLOWED .

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Skin contact:** Severe skin irritation.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** May be irritating to mouth, throat and stomach .

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Trisodium phosphate	10101-89-0	30 - 40%	7400	Not available	Not available
Sodium hypochlorite	7681-52-9	5 - 10%	8200	>10000 mg/kg	Not available
Potassium bromide	7758-02-3	0.1 - 1.5%	3070	Not available	Not available
Amorphous silica	7631-86-9	0.1 - 1.5%	5000	>2000 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:** Immediately flush with plenty of water for at least 15 minutes . Get medical attention.  
**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.  
**Ingestion:** If swallowed, 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

## 5. FIRE-FIGHTING MEASURES

**Unusual hazards:** None known  
**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. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing dust. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. 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:** If major exposure is possible, wear suitable protective clothing and footwear.  
**Respiratory protection:** If aerosols, mists, vapors, or dust are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. 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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Powder	<b>Bulk density:</b>	No information available
<b>pH:</b>	Not applicable	<b>Dilution pH:</b>	12 (1:100)
<b>Appearance:</b>	Powder	<b>Vapor density:</b>	No information available
<b>Color:</b>	Opaque Pink	<b>Evaporation Rate</b>	No information available
<b>Odor:</b>	Chlorine	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	0.85	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	7.09 lbs/gal	<b>Decomposition temperature:</b>	Not determined
<b>VOC: % as concentrate</b>	0% *	<b>Autoignition temperature:</b>	No information available
<b>Flash point:</b>	Not applicable	<b>Partition coefficient (n-octanol/water):</b>	No information available
<b>Solubility:</b>	completely soluble	<b>Solubility in other solvents:</b>	No information available
<b>Viscosity:</b>	No information available	<b>Elemental Phosphorus:</b>	7.3 %P

\* - 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:** Chlorine.  
**Materials to avoid:** Acids. Reducing agents. Ammonia. Ammonium salts.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be between 4000 - 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg  
**Component Information:** See Section 3  
**Chronic toxicity:** None known

## 11. TOXICOLOGICAL INFORMATION

### Specific effects

**Carcinogenic effects:** None known  
**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

### Hazardous ingredients

Ingredient(s)	CAS #	NTP	IARC	OSHA
Sodium hypochlorite	7681-52-9		3	
Amorphous silica	7631-86-9		3	

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

## 14. TRANSPORT INFORMATION

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

## 15. REGULATORY INFORMATION

### International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

### U.S. Regulations

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

### STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Sodium hypochlorite	7681-52-9	X	X	X	-
Water	7732-18-5	-	-	-	-
Trisodium phosphate	10101-89-0	X	X	X	-
Potassium bromide	7758-02-3	-	-	-	-
Amorphous silica	7631-86-9	X	X	X	-
Sodium chloride	7647-14-5	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hypochlorite	7681-52-9	5 - 10%	100		
Trisodium phosphate	10101-89-0	30 - 40%	5000		

### SARA 311/312 Hazard Categories

**Immediate:** X  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

### Canada

**WHMIS hazard class:** D2B Toxic materials.



## 16. OTHER INFORMATION

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

## 16. OTHER INFORMATION

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