

# MATERIAL SAFETY DATA SHEET



## CREW Bowl Cleaner DIBS

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2006-10-10

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** CREW Bowl Cleaner DIBS  
**MSDS #:** MS0200050  
**Product code:** 17045  
**Recommended use:** Industrial/Institutional. Restroom Care.

**Manufacturer, importer, supplier:**  
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.johnsondiversev.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

CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. MAY BE HARMFUL IF SWALLOWED . MAY CAUSE ALLERGIC RESPIRATORY REACTION .

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** Moderately irritating to the eyes.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** If the product is not handled properly, inhalation of the enzyme dust or aerosol may cause respiratory sensitization or allergic reactions in susceptible individuals .  
**Ingestion:** May be irritating to mouth, throat and stomach .

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Enzyme	9014-01-1	< 0.1%	=3700 mg/kg	Not available	Not available
Diethyl phthalate	84-66-2	0.1 - 1.5%	=8600 mg/kg	Not available	Not available
Sodium carbonate	497-19-8	10 - 20%	=4090 mg/kg	Not available	Not available
Citric acid	77-92-9	10 - 20%	=3000 mg/kg	Not available	Not available
Calcium carbonate	471-34-1	10 - 20%	=6450 mg/kg	Not available	Not available

### 4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.  
**Skin contact:** Flush immediately with plenty of water. If irritation develops get medical attention.  
**Inhalation:** If breathing is affected, remove to fresh air.  
**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:** None known.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Specific hazards:** None known.  
**Unusual hazards:** None known

## 5. FIRE-FIGHTING MEASURES

**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. Wash thoroughly after handling. Do not breathe dust. Do not taste or swallow. Do not remove packets before use. Do not handle packets with wet hands. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Storage:

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

### Personal Protective Equipment

**Eye protection:** No special requirements under normal use conditions.  
**Hand protection:** No special requirements under normal use conditions  
**Skin and body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Enzyme	9014-01-1	0.00006 mg/m <sup>3</sup> (Ceiling)		
Diethyl phthalate	84-66-2	5 mg/m <sup>3</sup> (TWA)		10 mg/m <sup>3</sup> (STEL) 5 mg/m <sup>3</sup> (TWA)
Calcium carbonate	471-34-1	10 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> (TWA) 5 mg/m <sup>3</sup> (TWA)	20 mg/m <sup>3</sup> (STEL) 10 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Powder	<b>Bulk density:</b>	6.68
<b>pH:</b>	NA	<b>Dilution pH:</b>	6.5
<b>Appearance:</b>	Powder	<b>Vapor density:</b>	No information available
<b>Color:</b>	Blue	<b>Evaporation Rate</b>	No information available
<b>Odor:</b>	Lavender	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	0.8	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	6.68 lbs/gal	<b>Decomposition temperature:</b>	Not determined
<b>VOC:</b>	0.5% *	<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>	Soluble	<b>Solubility in other solvents:</b>	No information available
<b>Viscosity:</b>	No information available	<b>Elemental Phosphorus:</b>	0 %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:** None reasonably foreseeable.  
**Materials to avoid:** Ammonia. Do not mix with chlorinated products.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral LD50 estimated to be 3000 - 4000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg  
**Component Information:** See Section 3

**Chronic toxicity:** Inhalation of dust may cause respiratory sensitization or allergic reactions in susceptible individuals .

## 11. TOXICOLOGICAL INFORMATION

**Specific effects**

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

## 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), Australia (AICS).

**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:
Diethyl phthalate	84-66-2	X	X	X	X
Sodium carbonate	497-19-8	-	-	-	-
Sodium chloride	7647-14-5	-	-	-	-
Citric acid	77-92-9	-	-	-	-
Calcium carbonate	471-34-1	X	-	X	X
Alcohol ethoxylates	34398-01-1	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethyl phthalate	84-66-2	0.1 - 1.5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethyl phthalate			Present - 070

**SARA 311/312 Hazard Categories**

**Immediate:** Y  
**Delayed:** N  
**Fire:** N  
**Reactivity:** N  
**Sudden Release of Pressure:** N

**Canada**

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



Ingredient(s)	CAS #	NPRI
Diethyl phthalate	84-66-2	X

## 16. OTHER INFORMATION

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

## 16. OTHER INFORMATION

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