

MATERIAL SAFETY DATA SHEET



EASY PAKS Bowl Cleaner

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

Version Number: 3

Preparation date: 2006-10-10

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: EASY PAKS Bowl Cleaner

MSDS #: MS0500027

Product code: 90652

Recommended use: Cleaning product.

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. Ingestion.

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
Sodium carbonate	497-19-8	10 - 20%	=4090 mg/kg	Not available	Not available
Calcium carbonate	471-34-1	10 - 20%	=6450 mg/kg	Not available	Not available
Citric acid	77-92-9	10 - 20%	=3000 mg/kg	Not available	Not available
Diethyl phthalate	84-66-2	0.1 - 1.5%	=8600 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: Sweep up and shovel into suitable containers for disposal.

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:
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 ³ (Ceiling)		
Calcium carbonate	471-34-1	10 mg/m ³ (TWA)	15 mg/m ³ (TWA) 5 mg/m ³ (TWA)	20 mg/m ³ (STEL) 10 mg/m ³ (TWA)
Diethyl phthalate	84-66-2	5 mg/m ³ (TWA)		10 mg/m ³ (STEL) 5 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder	Bulk density:	6.68
pH:	NA	Dilution pH:	6.5
Appearance:	Powder	Vapor density:	No information available
Color:	Blue	Evaporation Rate	No information available
Odor:	Lavender	Boiling point/range:	Not determined
Specific gravity:	0.8	Melting point/range:	Not determined
Density:	6.68 lbs/gal	Decomposition temperature:	Not determined
VOC:	0.5% *	Autoignition temperature:	No information available
Flash point:	Not applicable	Partition coefficient (n-octanol/water):	No information available
Solubility:	Soluble	Solubility in other solvents:	No information available
Viscosity:	No information available	Elemental Phosphorus:	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:
Sodium carbonate	497-19-8	-	-	-	-
Sodium chloride	7647-14-5	-	-	-	-
Calcium carbonate	471-34-1	X	-	X	X
Citric acid	77-92-9	-	-	-	-
Diethyl phthalate	84-66-2	X	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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