MATERIAL SAFETY DATA SHEET

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■ SECTION 01 IDENTIFICATION

MSDS NO. 2200 Series REVISED: March 2013

TRADE NAME: **CorrectPac® Biologically Enhanced Detergent No. CP2202**

NOTE: CAS Registry numbers are not applicable to formulated products.

■ SECTION 02 PHYSICAL & HEALTH HAZARDOUS INGREDIENTS

Hazardous Material as defined by 29 CFR 1910.1200 Reportable under CERCLA or SARA TITLE III Sec. 304 Regulations.

Common Names:	DPM	CAS# 34590-94-8
Chemical Name:	dipropylene glycol monomethyl ether	
Hazard % in Formula:	in concentrate: 4.9 % in working/use solution: 0.4 %	
Hazard Reference:	100 ppm OSHA PEL	

SECTION 02A OTHER INGREDIENTS NOT CONSIDERED HAZARDOUS IN FORMULATION

water	CAS# 7732-18-5
viable bacterial complex	n.a.
linear alcohol etnoxylates	CAS# 68439-46-3, 68002-97-1
propylene glycol monomethyl ether	CAS# 107-98-2
tetrasodium iminodisuccinate	CAS# 144538-83-0
trace fragrance	n.a.

■ SECTION 03 PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	100 deg. C. (initial)
Vapor Density (air=1):	Not determined.
Water Solubility:	Complete.
Melting/Freezing Point:	N/A
Appearance:	Amber colored, cloudy liquid.
Specific Grav. (water=1):	1.01 – 1.06
Percentage Volatiles in Concentrate:	Approx. 10.0% due to solvent
Evaporation Rate:	Much slower than 1 (n-butyl acetate = 1)
pH:	in concentrate: 6.5 to 8.0
Odor:	Floral.

■ SECTION 04 PHYSICAL HAZARD DATA

Flash Point:	Not determined
Flammable Limits:	Not determined.
Fire Fighting Media:	Treat primary cause of fire.
Special Fire Fighting Procedures:	None.
Fire/Explosion Hazards:	None known.

■ SECTION 05 REACTIVITY DATA

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing or reducing agents may inactivate biological cultures.
Hazardous Decomposition Products:	If heated to decomposition CO, CO_2 and NO_x may be produced.

■ SECTION 06 HEALTH HAZARD DATA

Oral Toxicity:	Not determined for formulation.
Skin Toxicity:	Not known for formulation.
Carcinogenicity:	None of the individual materials in this formulation are listed as carcinogens in NTP, IARC Monographs, or are OSHA Regulated carcinogens.

■ SECTION 07 SYMPTOMS OF OVEREXPOSURE

Symptoms of Inhalation:	If misted in concentrated form, which is improper use, can cause irritation of mucous membrane, nose, eye and throat. Can cause allergic response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.
Symptoms of Skin Contact:	May cause dermatitis or irritation in some individuals upon prolonged contact. Localized skin defatting can be expected from concentrated detergent on long contact.
Symptoms of Eye Contact:	Prolonged contact with concentrate may cause painful stinging or burning of eyes and lids, watering of eye, conjunctivitis, opaqueness of cornea, possibly leading to loss of sight.

■ SECTION 08 EMERGENCY FIRST AID PROCEDURES

For Ingestion:	DO NOT attempt to induce vomiting. Have the individual drink one or more full glasses of milk or water. If vomiting occurs, give fluids again. NEVER give anything to an unconscious person. Call a physician or your local Poison Control Center. Treatment should be directed at the control of symptoms and the clinical condition of the patient.
For Skin:	As for all foreign materials, wash off concentrate or diluted use solution with copious amounts of water. Remove clothing, which has been saturated by concentrate. Thoroughly wash affected clothing and shoes.
For Eyes:	PROMPTLY flush with large amounts of water for at least 15 minutes, occasionally lifting the lower and upper lids. See a physician if irritation persists.
Medical Conditions Aggravated by Exposure:	No data found.

■ SECTION 09 OCCUPATIONAL CONTROL PROCEDURES

Ventilation:	None normally required.
Respiratory Protection:	Not required under normal working/use conditions.
Eye Protection:	Not normally required. Use if in specific applications splashes or mists might get into eyes.
Skin Protection:	Not normally required.
Personal Hygiene:	As in handling any detergent, wash thoroughly after using.

■ SECTION 10 PRECAUTIONS FOR SAFE HANDLING STORAGE AND USE

Precautionary Measures:	Avoid contact of concentrate with eyes and prolonged contact of concentrate with skin. Avoid breathing misted vapors.
Spills Clean-up Procedures:	Concentrated materials are packed in small unit dosed bags limiting any spills to very small quantities. Paper toweling or mopping is usually sufficient.
Disposal Method:	Normal waste disposal of empty bags in accordance with state and local regulations or recycle after rinsing package.
Storage:	No special requirements.

■ HAZARD RATINGS

	NFPA Concentrate	NFPA Dilution
Health	1	0
Flammability	0	0
Reactivity	0	0

■ GENERAL NOTE ABOUT PRODUCTS

CorrectPac® Biologically Enhanced Detergent formulation is not substantially different from any other commercially available bacterial enzyme cleaner. The unique packaging of PortionPac materials in unit dosed bags limits the amount of exposure of the concentrate to very small amounts. Spills can be cleaned up with paper toweling or plain mopping. We know of no hazards associated with the proper use and handling of this product. PortionPac Chemical Corporation makes no warranty, expressed or implied, as to the accuracy, completeness or reliability of this information, except that such information is, to the best of our knowledge and belief, accurate as of the date indicated.

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

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MSDS: 2200 REVISED: 03/13

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