MATERIAL SAFETY DATA SHEET

PortionPac® Chemical Corporation
400 N. Ashland Avenue, Chicago, IL 60622-6382
Voice: 312/226-0400 Fax: 312/226-5400
Internet: www.portionpaccorp.com

24 HOUR EMERGENCY RESPONSE PHONE: 1-800-535-5053

■ SECTION 01 IDENTIFICATION

MSDS No. 100 Series REVISED: February 2013

TRADE NAMES: **CorrectPac® Heavy Duty Cleaner No. CP102, CP104, CP110**
DepotPac® HD All Purpose Cleaner No. CP105

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.

■ SECTION 02A OTHER INGREDIENTS NOT CONSIDERED HAZARDOUS IN FORMULATION

water	CAS# 7732-18-5
blended alcohol ethoxylates	CAS# 68439-46-3, 66455-14-9 & others
diethylene glycol monomethyl ether	CAS# 111-90-0
propylene glycol monomethyl ether	CAS# 107-98-2
triethanolamine dodecylbenzene sulfonate	CAS# 27323-41-7
tetrasodium iminodisuccinate	CAS# 144538-83-0
traces of fragrance added and colorant	n.a.

■ SECTION 03 PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	> than 212 deg. F
Vapor Pressure:	Not determined
Vapor Density (air=1):	Not determined.
Water Solubility:	Complete.
Melting/Freezing Point:	< 0 deg. F
Appearance:	Emerald green liquid. Slightly more viscous than water.
Specific Grav. (water=1):	1.014 to 1.020
Evaporation Rate:	much slower than 1 (n-butyl acetate = 1)
pH:	in concentrate: 7.95 ± 0.3 in mopping solution: 7.6 ± 0.3 in spray solutions: 7.4 ± 0.3
Odor:	fresh floral like soap odor

■ SECTION 04 PHYSICAL HAZARD DATA

Flash Point:	Greater than 212 deg. F
Flammable Limits:	Does not support combustion (ASTM D 4206)
Fire Fighting Media:	Water spray, CO_2, dry chemical; -- Treat primary cause of fire.
Special Fire Fighting Procedures:	None.
Fire/Explosion Hazards:	No unusual hazards known.

■ SECTION 05 REACTIVITY DATA

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Long exposure to materials containing copper, aluminum and strong oxidizing agents may cause discoloration.
Incompatible Materials:	Strong oxidizing or reducing agents.
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; Rabbit Skin LD_{50} 1.0g/Kg for MEA in 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 Ingestion:	Ingestion of significant quantity of concentrate may cause nausea, vomiting, and abdominal pain, diarrhea.
Symptoms of Inhalation:	If misted in concentrated form can cause irritation of mucous membrane, nose, eye and throat.
Symptoms of Skin Contact:	May cause dermatitis or irritation in some individuals upon prolonged contact. Localized skin defatting can be expected from any concentrated detergent on long contact.
Symptoms of Eye Contact:	Can cause stinging or burning sensation of eyes and lids, watering of eye, conjunctivitis in concentrate. Stinging and burning sensation in use solution.

■ SECTION 08 EMERGENCY FIRST AID PROCEDURES

For Ingestion:	DO NOT attempt to induce vomiting. Have the individual drink one or more full glasses or water. 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. There is no specific antidote.
For Skin:	As for all foreign materials, wash off concentrate or diluted use solution with water. Remove clothing that has been saturated by concentrate.
For Eyes:	PROMPTLY flush with large amounts of water for 15 minutes, occasionally lifting the lower and upper lids. Call a physician for further medical advice if irritation persists.
Medical Conditions Aggravated by Exposure:	No data found.

■ SECTION 09 OCCUPATIONAL CONTROL PROCEDURES

Ventilation:	Use with adequate ventilation. Working solution should not present any hazard. If misted or an aerosol is generated, local or mechanical exhaust.
Respiratory Protection:	Not required under normal working/use conditions.
Eye Protection:	Not normally required. Use if in specific applications splashes or mists will get into eyes.
Skin Protection:	Use gloves if hands will be continuously in solution. Not normally necessary in general use.
Personal Hygiene:	As in handling any detergent, wash thoroughly after using.

■ SECTION 10 PRECAUTIONS FOR SAFE HANDLING STORAGE AND USE

Precautionary Measures:	Avoid contact with eyes and prolonged contact of concentrate with skin. Avoid breathing misted vapors. Use with adequate ventilation. Do not store at elevated temperatures greater than 150°.
Spills Clean-up Procedures:	Concentrated materials are packed in 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.

■ HAZARD RATINGS

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

■ GENERAL NOTE ABOUT PRODUCTS

CorrectPac® Heavy Duty All Purpose Cleaner detergent formulation is not substantially different from any other commercially available hard surface cleaner or for that matter any household spray cleaner available in most grocery stores. The unique packaging of these 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, as these are in fact products for mopping as well as other maintenance chores. We know of no serious 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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