

MATERIAL SAFETY DATA SHEET

PortionPac® Chemical Corporation
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**24 HOUR EMERGENCY
RESPONSE PHONE:
1-800-535-5053**

■ **SECTION 01 IDENTIFICATION**
MSDS No. 500 Series Date: March 2002

TRADE NAME: **BowlPac® Toilet Bowl & Bathroom Cleaner No. 532**
DepotPac® Toilet Bowl & Bathroom Cleaner No. 505

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

■ **SECTION 02 PHYSICAL & HEALTH HAZARDOUS INGREDIENTS**

No hazardous material as defined by 29 CFR 1910, Sub Z. Not reportable under CERCLA or SARA TITLE III Sec. 304 Regulations.

■ **SECTION 02A OTHER INGREDIENTS NOT CONSIDERED HAZARDOUS IN FORMULATION**

water	CAS# 7732-18-5
citric acid	CAS# 77-92-9
nonylphenoxy poly(ethyleneoxy)ethanol	CAS# 9016-45-9
trace fragrant and colorant	

■ **SECTION 03 PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point:	> 212 deg. F.
Vapor Pressure:	N/A
Vapor Density (air=1):	N/A
Water Solubility:	Complete.
Melting/Freezing Point:	< 32 deg. F.
Appearance:	Electric blue in concentrate; violet in dilution.
Specific Grav. (water=1):	1.264
Percentage Volatiles in Concentrate:	N/A
Evaporation Rate:	Much slower than 1 (n-butyl acetate = 1)
pH:	in concentrate: 2.0 ± .2 in working/use solution: 2.2 ± .3
Odor:	Pleasant floral odor in concentrate and use solution.

■ **SECTION 04 PHYSICAL HAZARD DATA**

Flash Point:	Not applicable.
Flammable Limits:	Not determined.
Fire Fighting Media:	Treat primary cause of fire.
Special Fire Fighting Procedures:	None.

■ **SECTION 05 REACTIVITY DATA**

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	Metal nitrates.
Hazardous Decomposition Products:	Not known.

■ **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.

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■ SECTION 07 SYMPTOMS OF OVEREXPOSURE

Symptoms of Ingestion: May cause diarrhea.
Symptoms of Inhalation: If misted in concentrated form, which is improper use, 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.
Symptoms of Eye Contact: Causes painful stinging or burning of eyes and lids, watering of eye.

■ SECTION 08 EMERGENCY FIRST AID PROCEDURES

For Ingestion: DO NOT 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 Center. Treatment should be directed at the control of symptoms and the clinical condition of the patient. There is no specific antidote.
Poison Control
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 where 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

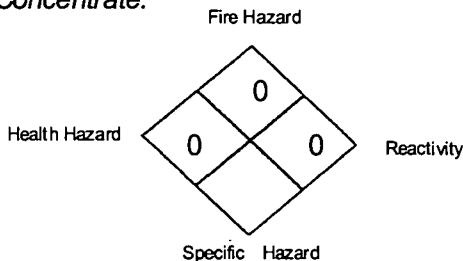
Precautionary Measures: Avoid contact with eyes and prolonged contact of concentrate with skin.
Clean-up Procedures: Concentrated materials are packed in unit-dosed bags limiting any spills to very small quantities. Paper toweling or mopping is sufficient.
Disposal Method: Bags should be rinsed when product is diluted for use and then disposed of in normal waste.

■ GENERAL NOTE ABOUT PRODUCTS

PortionPac® BowlPac® detergent formulation is not substantially different from any other commercially available porcelain-cleaning product. It is not based on strong mineral acids to dissolve hard water deposits. The unique packaging of PortionPac materials in unit dosed bags of limits the amount of exposure of the concentrate to very small amounts. 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.

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MSDS: 505/532 REVISED: 03/02

In Concentrate:



In Dilution:

