

**MATERIAL SAFETY DATA SHEET**

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<b>24 HOUR EMERGENCY          RESPONSE PHONE:          1-800-535-5053</b>
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■ **SECTION 01 IDENTIFICATION**  
 MSDS NO. 900 Series DATE: July 2002

TRADE NAME: **LaundryPac™ Laundry Detergent No. 940**

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 Name:	isopropanol, 2-propanol, IPA	CAS# 67-63-0
Chemical Name:	isoprpyl alcohol	
Hazard % in Formula:	in concentrate: 15.0%	in working/use solution: 0.00015%
Hazard Reference:	TLV:TWA 1000ppm	PEL:TWA 1000ppm

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

water	CAS# 7732-18-5
nonylphenoxy poly(ethyleneoxy) ethanol	CAS# 9016-45-9
sodium laureth sulfate	CAS# 68585-34-2
urea	CAS# 57-13-6
C(1016) n-alkyl d-glucopyranoside	CAS# 110615-47-9
triethanolamine dodceylbenzene sulfonate	CAS# 27323-41-7
triethanolamine	CAS# 102-71-6
tall oil fatty acid	Proprietary
tetrasodium salt ethylenediamine tetraacetate	CAS# 13845-36-3
fragrance	Not available
distyryl biphenyl disulfonate	CAS# 27344-41-8

■ **SECTION 03 PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point:	Not determined.
Vapor Pressure:	Not determined.
Vapor Density (air=1):	Not determined.
Water Solubility:	Complete
Melting/Freezing Point:	< 0 deg. F.
Appearance:	Blue viscous liquid.
Specific Grav. (water=1):	1.045
Percentage Volatiles in Concentrate:	Approx. 39.6% due to water and solvents.
Evaporation Rate:	Much slower than 1 (n-butyl acetate = 1)
pH:	in concentrate: 7.5 ± .2      in working/use solution: 7.5 ± .2
Odor:	Slight floral odor in concentrate.

■ **SECTION 04 PHYSICAL HAZARD DATA**

Flash Point:	167 deg. F. Closed cup.
Flammable Limits:	Not determined.
Fire Fighting Media:	Water spray, CO <sub>2</sub> , 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:	None known.
Incompatible Materials:	Strong oxidizing or reducing agents.
Hazardous Decomposition Products:	If heated to decomposition CO and CO <sub>2</sub> may be produced.

■ **SECTION 06 HEALTH HAZARD DATA**

Oral Toxicity:	Not determined 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: If ingested in significant quantity 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. Localized skin defatting can be expected from concentrated detergent on long 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 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 copious amounts of water. Remove clothing, which has been saturated by concentrate. Do not allow prolonged contact with the concentrated undiluted material as toxic amounts could be absorbed over an extended time. Thoroughly wash affected clothing and shoes.  
 For Eyes: PROMPTLY flush with large amount 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 will 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**

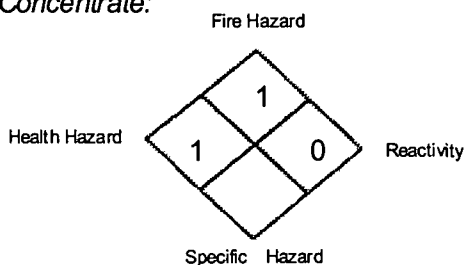
Precautionary Measures: Avoid contact with eyes and prolonged contact of concentrate with skin. Avoid breathing misted vapors.  
 Spills Clean-up Procedures: Concentrated materials are packed in unit-dosed bags limiting any spills to very small quantities. Paper toweling or mopping is usually sufficient.  
 Disposal Method: Bags may be disposed of in normal waste.  
 Storage: Concentrate will solidify below 60 deg. F., but is unaffected by freezing. Thaw and use.

**GENERAL NOTE ABOUT PRODUCTS**

PortionPac® LaundryPac™ detergent formulation is not substantially different from any other commercially available liquid laundry detergent. 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. 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.

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 MSDS 900 Revised 07/02

*In Concentrate:*



*In Dilution:*

