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 NORTH AMERICA
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PUREX INDUSTRIAL
MATERIAL SAFETY DATA SHEET

stores stock #
4818

K5384

1/91

7481

SECTION I — PRODUCT NAME: Pinosan Disinfectant Cleaner, Brillo

Manufacturer's Name: **PUREX INDUSTRIAL**
 Address: **7300 Bolsa Ave., Westminster, CA 92684-3600**
 Emergency Telephone No.: **(614) 387-6200 Info. Tel. No. (714) 890-3600**

SECTION II — HAZARDOUS INFORMATION:

COMPONENTS	C.A.S. Number	CERCLA RO SPILL lbs.	RCRA Waste No.	ACGIH TLV	OSHA TWA	% WT.
n-Alkyl dimethyl benzyl ammonium chloride	139082	Not listed	None	N.L.	N.L.	1.5
Iso-octylphenoxy poly(ethyleneoxy) ethanol	9002931	Not listed	None	N.L.	N.L.	< 5
NON-HAZARDOUS COMPONENTS (Over 3%) LISTED PER 34 PA CODE CHS 301, 305, 307 & 309						
Water	7732185					
CARCINOGENS (As defined in 29CFR 1910-1200)	NTP	IARC	OSHA			
None	None	None	None			
PROPER SHIPPING NAME:	HAZARD CLASS:		HAZARD I.D. No.:			
Compound, Cleaning, Liquid, NOI	Not regulated		None			

SECTION III — PHYSICAL DATA:

BOILING POINT, °F:	212	SPECIFIC GRAVITY:	1.0
VAPOR PRESSURE (mmHg):	Not determined	VOLATILE, % BY VOL:	84
VAPOR DENSITY (AIR = 1):	Not determined	EVAPORATION RATE (Water = 1):	1
APPEARANCE AND ODOR:	SOLUBILITY IN WATER: 100% pH (Conc.): 12.9-13.3		
Clear Green Liquid, Pine Odor			

SECTION IV — FIRE AND EXPLOSION HAZARDS:

FLASH POINT AND METHOD USED:	None, T.C.C.
EXTINGUISHING MEDIA:	None required.
SPECIAL FIRE FIGHTING PROCEDURE AND PRECAUTIONS:	None.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None.

SECTION V — HEALTH, EMERGENCY AND FIRST AID INFORMATION:

EFFECTS OF OVER EXPOSURE: EYES:	Slight to moderate irritant.
SKIN:	Slight to moderate irritant.
INHALATION:	No effects of exposure expected.
INGESTION:	Slightly to moderately toxic.
MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED:	No data found.

*Chemicals in Section II That Have An Asterisk Are Subject To SARA Section 313 And 40 CFR 372 Reporting.

FIRST AID: EYES:	Flush with large amounts of water.
SKIN:	Flush with water.
INHALATION:	No effects of exposure expected.
INGESTION:	Drink several glasses of water or milk.
PRIMARY ROUTES OF ENTRY: INHALATION <u>No</u> SKIN CONTACT <u>Yes</u> OTHER <u>Ingestion</u>	

SECTION VI — REACTIVITY DATE:

STABILITY: STABLE <u>Yes</u> UNSTABLE _____	HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.

SECTION VII — SPILL, LEAK AND DISPOSAL PROCEDURE:

SPILL OR RELEASE PROCEDURE: CONCENTRATE:	Dike area if spillage is large. Mop up spillage, flush with water and allow to dry.
USE SOLUTION:	Dike area if spillage is large. Mop up spillage, flush with water and allow to dry.
DISPOSAL INFORMATION: CONCENTRATE:	Flush with water into waste treatment systems and/or in full accordance with Federal, State and Local ordinances.
SPENT SOLUTION AND RINSES:	Flush with water into waste treatment systems and/or in full accordance with Federal, State and Local ordinances.

SECTION VIII — SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION:	None required.
VENTILATION:	Normal ventilation systems.
PROTECTIVE EQUIPMENT: CHEMICAL FACE SHIELD OR GOGGLES: <u>No</u> GLOVES <u>Yes</u> BOOTS <u>No</u> APRON <u>NO</u> PROTECTIVE SUIT <u>No</u>	
GLOVES, BOOTS, APRON AND SUIT MADE FROM:	Rubber or soft plastics.
RECOMMENDED PERSONAL HYGIENE:	Use adequate washing facilities. Wash hands or other contact areas thoroughly. Change clothing is wetted with product. Do not reuse clothing wetted with product before clothing is laundered.

SECTION IX — OTHER INFORMATION:

SPECIAL PRECAUTIONS — STORAGE AND HANDLING:	Normal handling processes; inside storage at 40-100°F. recommended.
MIXING:	Avoid spillages. Use normal cautions while pouring out of containers.
REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT:	A program of regular cleaning, repairing and replacing of worn-out parts and contaminated equipment is highly desirable.
DATE PREPARED:	DATE REVIEWED:
APPROVED: 1/91 O.C. DEPT. / <i>[Signature]</i>	Prepared By: Kyle Ito, Manager, R&D R & D DEPT. / <i>[Signature]</i> SAFETY & ENVIRON.