

**MATERIAL SAFETY DATA SHEET**

PREPARED IN COMPLIANCE WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

PRODUCT IDENTITY (AS USED ON LABEL AND LIST)				
POWERHOUSE ALL PURPOSE CLEANER W/BLEACH				
SECTION I - SUPPLIER INFORMATION				
PERSONAL CARE PRODUCTS, INC. 32500 TELEGRAPH ROAD, SUITE 202 BINGHAM FARMS, MI 48025-2463		EMERGENCY TELEPHONE NUMBER: 248-258-1555 INFORMATION TELEPHONE NUMBER: 248-258-1555 DATE PREPARED: NOVEMBER 21, 1997		
SECTION II - HAZARD INGREDIENTS/IDENTITY INFORMATION				
HAZARDOUS COMPONENTS (CHEMICAL IDENTITY/COMMON NAME)	CAS NO.	ACGIH TLV	OTHER SPECIFICATIONS	%(OPTIONAL)
SODIUM HYPOCHLORITE	7681-52-9	0.5PPM (TWA) ; 1PPM (STEL)	N/A	< 2%
POTASSIUM CARBONATE	584-08-7	NONE ESTABLISHED	N/A	1 - 3%
SODIUM HYDROXIDE	1310-73-2	2PPM (TWA) ; STEL)	N/A	< 1%
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS				
BOILING POINT:	212°F (IBP)	SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.0 +/- 0.005	
VAPOR PRESSURE (MM HG.):	N/A	MELTING POINT:	N/A	
VAPOR DENSITY (AIR = 1):	N/A	EVAPORATION RATE (VS. H <sub>2</sub> O):	ABOUT THE SAME	
SOLUBILITY IN WATER: EMULSIFIABLE (OR DISPERSIBLE)				
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID WITH BLEACH/FRESH ODOR				
SECTION IV - FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (METHOD USED):	FLAMMABLE LIMITS (LEL):	FLAMMABLE LIMITS (UEL):		
NONE TO BOILING	N/A	N/A		
EXTINGUISHING MEDIA: PRODUCT IS NONCOMBUSTIBLE. WATER SPRAY (FOG), DRY CHEMICAL, CO <sub>2</sub> OR FOAM MAY BE USED WHERE PRODUCT IS STORED.				
SPECIAL FIRE FIGHTING PROCEDURES: DO NOT ENTER CONFINED FIRE-SPACES WITHOUT PROTECTIVE CLOTHING OR SELF-CONTAINED AIR SUPPLY.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE				
SECTION V - REACTIVITY DATA				
STABILITY (STABLE/UNSTABLE): STABLE				
CONDITIONS TO AVOID: N/A				
MATERIALS TO AVOID: ORGANICS, REDUCING AGENTS, ACIDS, AMMONIA AND HEAVY METALS. DO NOT MIX WITH OTHER CHEMICALS.				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: BURNING MAY PRODUCE OXIDES OF CARBON, CHLORINE GAS AND OTHER SUBSTANCES.				
HAZARDOUS POLYMERIZATION (MAY OCCUR/WILL NOT OCCUR): N/A				
SECTION VI - HEALTH HAZARD DATA				
ROUTE(S) OF ENTRY:	<input checked="" type="checkbox"/> SKIN	<input checked="" type="checkbox"/> INGESTION	<input type="checkbox"/> INHALATION	<input checked="" type="checkbox"/> EYES <input type="checkbox"/> N/A
HEALTH HAZARDS (ACUTE & CHRONIC):				
EYES: DIRECT CONTACT WITH EYES MAY CAUSE SEVERE IRRITATION, PAIN AND SWELLING OF CONJUNCTIVA AND POSSIBLE CORNEAL DAMAGE IF NOT PROMPTLY TREATED				
INGESTION: INGESTION CAN CAUSE SEVERE IRRITATION OR BURNS OF MOUTH, NOSE, THROAT AND STOMACH ALONG WITH NAUSEA AND VOMITING.				
SKIN: MAY CAUSE SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT				

CARCINOGENS:	<input type="checkbox"/> NTP	<input type="checkbox"/> IARC	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> N/A
SIGNS AND SYMPTOMS OF EXPOSURE: N/A					
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: EXISTING DERMATITIS					
EMERGENCY AND FIRST AID PROCEDURES:					
EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN IMMEDIATELY					
INHALATION: REMOVE TO FRESH AIR. START ARTIFICIAL RESPIRATION IF NECESSARY. OXYGEN MAY BE ADMINISTERED. CALL A PHYSICIAN.					
INGESTION: DO NOT INDUCE VOMITING. DILUTE BY DRINKING WATER. CALL A PHYSICIAN OR POISON CONTROL IMMEDIATELY.					
SKIN: WASH WITH LARGE AMOUNTS OF SOAP AND WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.					
<b>SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>					
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: LARGE SPILLS: DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN WITHOUT RISK. DIKE AHEAD OF LARGE SPILLS TO PREVENT RUN-OFF. MOP, PUMP OR TAKE UP WITH SAND OR OTHER ABSORBENT AND RECLAIM INTO CONTAINERS FOR RE-USE, RECYCLE OR PROPER DISPOSAL.					
WASTE DISPOSAL METHOD: DISPOSE OF IN AN APPROVED WASTE FACILITY ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS					
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NO SPECIAL REQUIREMENTS IF PRODUCT IS HANDLED ACCORDING TO GOOD MANUFACTURING PRACTICES. AVOID CONTACT WITH EYES, SKIN, CLOTHING, FABRIC OR CARPET. KEEP CONTAINER CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING. D.O.T. CLASSIFICATION: NOT REGULATED.					
OTHER PRECAUTIONS: N/A					
<b>SECTION VIII - CONTROL MEASURES</b>					
RESPIRATORY PROTECTION: NOT REQUIRED UNDER NORMAL USE CONDITIONS WITH GOOD GENERAL VENTILATION.					
VENTILATION:	<input type="checkbox"/> LOCAL EXHAUST	<input type="checkbox"/> MECHANICAL (GENERAL)	<input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> N/A	
PROTECTIVE GLOVES: RUBBER/PVC					
EYE PROTECTION : SAFETY GLASSES/GOGGLES					
OTHER PROTECTIVE CLOTHING: PROTECTIVE CLOTHING APPROPRIATE TO MINIMIZE CONTACT DURING SPECIFIC OPERATIONS.					
WORK/HYGIENIC PRACTICES: N/A					

THE INFORMATION CONTAINED IN THIS FORM IS BASED ON DATA FROM SOURCES CONSIDERED TECHNICALLY RELIABLE AND HAS BEEN PREPARED IN GOOD FAITH IN ACCORDANCE WITH THE AVAILABLE MATERIAL. IT IS PROVIDED AS A SERVICE TO PERSONS USING THE PRODUCT BY CONDITION OF USE AND HANDLING MAY INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS BEYOND THE CONTROL OF PERSONAL CARE PRODUCTS, INC. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AND PERSONAL CARE PRODUCTS, INC. WILL NOT BE LIABLE FOR ANY DAMAGES, LOSSES, INJURIES OR CONSEQUENTIAL DAMAGES THAT MAY RESULT FROM THE USE OR RELIANCE ON ANY INFORMATION CONTAINED IN THIS FORM.