

# MATERIAL SAFETY DATA SHEET

## POWERHOUSE OVEN CLEANER

HMIS CODES: H F R P  
3 2 2

### SECTION I

PERSONAL CARE PRODUCTS, INC.  
32500 TELEGRAPH ROAD  
BINGHAM FARMS MI 48025-2463

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### SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

<u>REPORTABLE COMPONENTS</u>	<u>CAS NUMBER</u>	<u>VAPOR PRESSURE</u> <u>mm HG @ TEMP</u>		<u>WEIGHT</u> <u>PERCENT</u>
SODIUM HYDROXIDE PEL=2 mg/m <sup>3</sup> , CEILING: TLV=2 mg/m <sup>3</sup> , CEILING	1310-73-2			5
BUTANE OSHA PEL: 800 PPM, ACGIH TLV: 800 PPM	106-97-8	1640	68	5
PROPANE	74-98-6	6350	68	3

\*\*\*No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present.\*\*\*

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: -44° F - 2° F      SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.93  
VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
SOLUBILITY IN WATER: COMPLETE  
APPEARANCE AND ODOR: AEROSOL PRODUCT

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -156° F      METHOD USED: ESTIMATED  
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.9      UPPER 9.5  
EXTINGUISHING MEDIA: FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG  
SPECIAL FIREFIGHTING PROCEDURES: WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERRED. WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS.

USUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS. LIQUID CONTENT OF CONTAINER WILL NOT SUPPORT COMBUSTION. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT. OBTAIN MEDICAL ATTENTION.

## SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID STORAGE ABOVE 120°F EXPOSURE TO OPEN FLAME

INCOMPATIBILITY (MATERIALS TO AVOID) OXIDIZING AGENTS. CONTACT WITH REDUCING AGENTS AND STRONG MINERAL ACIDS. FRESHLY ABRADED ALUMINUM SURFACES; ALUMINUM, MAGNESIUM, AND ZINC POWDERS; CHEMICALLY ACTIVE METALS SUCH AS Na, K or Ca.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS MAY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI - HEALTH HAZARD DATA

### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

RESPIRATORY IRRITATION, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED CO-ORDINATION.

### SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: CONTACT MAY CAUSE MODERATE TO SEVERE IRRITATION. EYES: LIQUID OR SPRAY MIST CAN CAUSE MODERATE TO SEVERE IRRITATION.

### SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION, DEFATTING OF SKIN, AND DERMATITIS. ABSORPTION OF LIQUID THROUGH SKIN UNLIKELY DUE TO IRRITATING EFFECTS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE GASTRO-INTESTINAL IRRITATION IF SWALLOWED. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ADVICE AND/OR ATTENTION.

HEALTH HAZARDS (ACUTE AND CHRONIC) ACUTE: SEVERE EYE IRRITANT SEVERE SKIN IRRITANT SEVERE RESPIRATORY TRACT IRRITANT CHRONIC: UNKNOWN.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE/

NONE KNOWN.

### EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION.

SKIN: WIPE OFF WITH TOWEL. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

EYES: WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

DIKE AREA TO CONTAIN SPILL. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

### WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD CAUTION INFORMATION.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT STORE ABOVE 120°F. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. DO NOT STICK PIN, NAIL OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION.

### OTHER PRECAUTIONS

THE STORAGE OF NON-FLAMMABLE PRODUCTS WITH NON-FLAMMABLE OR FLAMMABLE PRESSURIZED AGENTS IS THE SAME AS FOR ORDINARY CANNED GOODS IN CARTONS.

## SECTION VIII - CONTROL MEASURES

### RESPIRATORY PROTECTION

AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

### VENTILATION

SUFFICIENT TO PREVENT INHALATION OF VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

### PROTECTIVE GLOVES

CHEMICAL RESISTANT. COVER AS MUCH EXPOSED SKIN AS POSSIBLE WITH APPROPRIATE CLOTHING.

### EYE PROTECTION

SAFETY GLASSES WITH SPLASH GUARDS OR FULL-FACE SHIELD. CONTACT LENSES SHOULD NOT BE WORN WHEN USING THIS PRODUCT.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

PROTECTIVE CLOTHING TO PREVENT CONTACT OF OVERSPRAY WITH SKIN IS RECOMMENDED

### WORK/HYGIENIC PRACTICES

EYE WASHES AND SAFETY SHOWERS AT THE WORKPLACE ARE RECOMMENDED.