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# MATERIAL SAFETY DATA SHEET

## PORCELAINWISE

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION  
HMIS

WHMIS CLASS D-2B, E:  
HEALTH 3, FLAMMABILITY 0, REACTIVITY 2,  
PERSONAL PROTECTION B

CHEMICAL FAMILY  
CHEMICAL FORMULA  
MOLECULAR WEIGHT  
MATERIAL USE

ACID  
MIXTURE  
NOT APPLICABLE  
BATHROOM CLEANER

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

NONYL PHENOL ETHOXYLATE  
1-5  
9016-45-9  
NOT AVAILABLE  
ORAL (LD50) MG/KG: ACUTE: 2590 (RAT)

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

PHOSPHORIC ACID  
10-30  
7664-38-2  
TWA: 1 CEIL: 3 MG/M<sup>3</sup>  
ORAL (LD50) MG/KG: ACUTE: 1530 (RABBIT)

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

HYDROCHLORIC ACID  
1-10  
7647-01-0  
NOT AVAILABLE  
ORAL (LD50) MG/KG: ACUTE: 900 (RABBIT)

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE  
ODOUR AND APPEARANCE  
ODOUR THRESHOLD (PPM)  
SPECIFIC GRAVITY  
VAPOUR PRESSURE (MM)  
VAPOUR DENSITY (AIR =1)  
BOILING POINT (°C)  
FREEZING POINT (°C)  
SOLUBILITY IN WATER (20°C)  
% VOLATILE (BY VOL.)  
PH

LIQUID  
CHERRY FRAGRANCE, PINK CREAM LIQUID  
NOT AVAILABLE  
1.053  
NOT APPLICABLE  
NOT APPLICABLE  
100°C (212°F)  
NOT DETERMINED  
SOLUBLE  
93  
1

### SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	NOT FLAMMABLE
MEANS OF EXTINCTION	USE EXTINGUISHING MEDIA FOR SURROUNDING MATERIALS.
SPECIAL PROCEDURES	NOT AVAILABLE.
FLASHPOINT (°C) AND METHOD	NOT APPLICABLE
UPPER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
LOWER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
AUTO-IGNITION TEMPERATURE (°C)	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	NOT AVAILABLE.
EXPLOSION SENSITIVITY TO CHEM. IMPACT	NOT AVAILABLE

#### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	HIGHLY REACTIVE WITH ALKALIS. SLIGHTLY REACTIVE TO REACTIVE WITH OXIDIZING AGENTS, ORGANIC MATERIALS, METALS, ACIDS. VERY SLIGHTLY TO SLIGHTLY REACTIVE WITH REDUCING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS	NOT AVAILABLE

#### SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	VERY DANGEROUS IN CASE OF EYE CONTACT (IRRITANT). LIQUID OR SPRAY MIST MAY PRODUCE TISSUE DAMAGE PARTICULARLY ON MUCOUS MEMBRANES OF EYES, MOUTH AND RESPIRATORY TRACT. SKIN CONTACT MAY PRODUCE BURNS. INHALATION OF THE SPRAY MIST MAY PRODUCE SEVERE IRRITATION OF RESPIRATORY TRACT, CHARACTERIZED BY COUGHING, CHOKING OR SHORTNESS OF BREATH. CAN BE FATAL IF INHALED OR INGESTED. THIS PRODUCT MAY IRRITATE EYES AND SKIN UPON CONTACT. INFLAMMATION OF THE EYE IS CHARACTERIZED BY REDNESS, WATERING AND ITCHING.
EFFECTS OF CHRONIC EXPOSURE	REPEATED OR PROLONGED EXPOSURE TO SPRAY MIST MAY PRODUCE CHRONIC EYE IRRITATION AND SEVERE SKIN IRRITATION.
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENICITY Y/N	N
MUTAGENICITY Y/N	N

#### SECTION 7 PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT	
GLOVES	IMPERVIOUS GLOVES
EYEWEAR	SAFETY GLASSES
FOOTWEAR	AS REQUIRED BY EMPLOYER CODE
CLOTHING	AS REQUIRED BY EMPLOYER CODE

ENGINEERING CONTROLS

LEAK AND SPILL PROCEDURE

WASTE DISPOSAL

STORAGE REQUIREMENTS

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. BEFORE ATTEMPTING CLEAN UP, REFER TO HAZARD DATA GIVEN ABOVE. SMALL SPILLS MAY BE DILUTED WITH WATER AND MOPPED UP OR ABSORBED WITH NON-REACTIVE ABSORBENT AND PLACED IN SUITABLE, COVERED LABELLED CONTAINERS. IF NECESSARY, NEUTRALIZE RESIDUE WITH A DILUTE SOLUTION OF SODIUM CARBONATE. PREVENT LARGE SPILLS FROM ENTERING SEWERS AND WATERWAYS. CONTACT EMERGENCY SERVICES AND SUPPLIER FOR ADVICE. RECYCLE IF POSSIBLE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES. STORE IN CLOSED CONTAINER, AWAY FROM INCOMPATIBLE MATERIALS. STORE IN A DRY, COOL AND WELL VENTILATED AREA.

## SECTION 8 FIRST AID MEASURES

SKIN

WASH WITH SOAP AND WATER. CALL A PHYSICIAN IF IRRITATION DEVELOPS. COMPLETELY DECONTAMINATE CLOTHING, SHOES AND LEATHER GOODS BEFORE REUSE OR DISCARD.

EYE

IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. DO NOT USE AN EYE OINTMENT. SEEK MEDICAL ATTENTION.

INHALATION

REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

INGESTION

DO NOT INDUCE VOMITING. DRINK SEVERAL GLASSES OF WATER OR MILK. CALL A PHYSICIAN IMMEDIATELY. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD TO REDUCE THE RISK OF ASPIRATION. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS, IS RAPIDLY LOSING CONSCIOUSNESS OR IS CONVULSING.

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC*

*ON 30/04/10.*

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