

**SECTION 1 - MANUFACTURER INFORMATION**

BANE-CLENE CORPORATION    EMERGENCY PHONE: (317)546-5448  
 3940 N. Keystone Ave.  
 Indianapolis, IN 46205    PREPARER/CONTACT: Donald W. Terry, Sr.  
**PREPARATION DATE:** 2/17/91    **REVISION DATE:** 3/10/94

**PRODUCT NAME:** PCA™ Formula 5 (New Generation Powdered Cleaning Agent)

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)	
HEALTH..... 1	FLAMMABILITY... 0
REACTIVITY.... 0	PROTECTION..... B

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY**

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
PCA Formula 5 does not contain any hazardous ingredients as specified.				

**SECTION 3 - PHYSICAL & CHEMICAL DATA**

**BOILING POINT:** N/A    **SPECIFIC GRAVITY:** (H<sub>2</sub>O=1)N/A  
**VAPOR PRESSURE (mmHg):** N/A    **VAPOR DENSITY(Air=1):** N/A  
**SOLUBILITY IN WATER:** Soluble  
**APPEARANCE & ODOR:** A white powder with a floral odor.  
**pH @ normal use concentration (0.4 fluid ounces per gallon):** 9.2

**SECTION 4 - FIRE & EXPLOSION DATA**

**FLASH POINT:** None    **Method Used:** T.C.C.    **FLAMMABLE LIMITS:** LEL=N/A    UEL=N/A  
**AUTO-IGNITION TEMP:** N/A  
**EXTINGUISHER MEDIA:** None  
**SPECIAL FIREFIGHTING PROCEDURES:** None  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** None

**SECTION 5 - PHYSICAL HAZARD DATA**

**STABILITY:** Stable    **CONDITIONS TO AVOID:** None  
**INCOMPATIBILITY:** Reaction with acids neutralizes product.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** If heated to decomposition, carbon monoxide and dioxide are liberated.  
**WILL HAZARDOUS POLYMERIZATION OCCUR?:** No

**PRODUCT:** PCA Formula 5

**SECTION 6 - HEALTH HAZARD DATA**

**ACUTE:** The undiluted/ undissolved powder may cause eye irritation.

**CHRONIC:** The undiluted/ undissolved powder may cause skin irritation from prolonged contact.

**SIGNS & SYMPTOMS OF EXPOSURE:** The undiluted/ undissolved powder may cause dermatitis or skin sensitivity.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Skin rashes.

**LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN (NTP, IARC, or OSHA)?:** No

**EMERGENCY & FIRST AID PROCEDURES:**

**EYES:** As with any alkaline detergent splashed into the eyes, flush with plenty of water for 15 minutes and get prompt medical attention.

**SKIN:** Wash with plenty of water.

**INGESTION:** Drink large amounts of water. Do not induce vomiting. See a doctor.

**INHALATION of high levels of dust:** Remove person to area of fresh air.

**ROUTES OF ENTRY:**

1. Inhalation: Large amounts of undiluted dust may irritate nose, throat, and lungs when handling the product.
2. Eyes: May irritate or burn eyes.
3. Skin: May cause skin irritation from prolonged contact.
4. Ingestion: May irritate mouth, esophagus, stomach, etc.

**SECTION 7 - SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in cool, dry places away from acids.

**OTHER PRECAUTIONS:** Store in drums with lids securely fastened.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Sweep up powder and dispose of in approved containers. If not contaminated, may be reused.

**WASTE DISPOSAL METHODS:** Consult federal, state, and local regulations. Neutralize with acid to pH 7-8 (neutralization is not required in most municipalities) and dilute to sewer with water. NOTE: pH of product at normal use (0.4 oz/gal) is 9.2; pH of diluted dirty water is normally 7.5-8.5.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required.

**VENTILATION:**

LOCAL EXHAUST: None MECHANICAL: SPECIAL: OTHER:

**PROTECTIVE GLOVES:** Rubber gloves when handling the powder.

**EYE PROTECTION:** Chemical safety goggles when making the solution.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** May be worn to prevent contact of the powder with clothing.

**WORK/HYGIENIC PRACTICES:** Wash with soap and water after using any chemical product.

**ADDITIONAL COMMENTS:**

To the best of our knowledge, the information contained herein is accurate. However, Bane-Clene Corporation assumes no liability for the accuracy or completeness of the information. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards may be described herein, we cannot guarantee that these are the only hazards which exist. Information herein is given in good faith, but no warranty, expressed or implied, is made.