

ITEM # 29019 KSS PORCELAIN TILE & METAL CL EFFECTIVE 03/07/2007  
 KSS ENTERPRISE (SEE SECTION 10 FOR ADDRESS/PHONE #)

\*\*\*\*\* SECTION 1 - MATERIAL IDENTIFICATION \*\*\*\*\*

1. CHEMICAL NAME AND SYNONYMS ..... N/E
2. TRADE NAME AND SYNONYMS ..... KSS PORCELAIN TILE & METAL CL
3. CHEMICAL FAMILY ..... A BLEND OF PHOSPHORIC ACID, SURFACTANTS AND DYES.
4. FORMULA ..... 35-126-1
5. HAZARDOUS RATING SYSTEM VIA HMIS  
 HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 1 PERSONAL PROTECTION = C

\*\*\*\*\* SECTION 2 - HAZARDOUS INGREDIENTS \*\*\*\*

- | 1. INGREDIENT             | % (UNITS) | TLV     |
|---------------------------|-----------|---------|
| PHOSPHORIC ACID 7664-38-2 | <15%      | 1 MG/M3 |

CARCINOGENS: NONE SUSPECTED.  
 TSCA: ALL COMPONENTS LISTED.

\*\*\*\*\* SECTION 3 - PHYSICAL DATA \*\*\*\*\*

- |                                      |   |
|--------------------------------------|---|
| 1. BOILING POINT ( F ) ...>200 f     | 6. SPEC. GRAVITY (WATER=1) 1.089          |
| 2. VAPOR PRESSURE (MM HG) N/E        | 7. % VOLATILE BY VOLUME .N/E              |
| 3. VAPOR DENSITY (AIR = 1) ..N/E     | 8. EVAP. RATE (N-BUTYLACETATE = 1) .. N/E |
| 4. SOLUBILITY IN WATER ..COMPLETE    | 9. FREEZING/MELTING POINT (DEG/F) .. 25   |
| 5. APPEARANCE AND ODOR ..BLUE LIQUID | 10. PH OF SOLUTION .....1.2               |
| WINTERGREEN SCENT                    | 11. HEAT OF SOLUTION ...N/E               |

\*\*\*\*\* SECTION 4 - FIRE AND EXPLOSION HAZARD \*\*\*\*\*

1. FLASH POINT (METHOD USED)..... NONFLAMMABLE
2. FLAMMABLE LIMITS ..... LEL N/A UEL N/A
3. EXTINGUISHING MEDIA ..... Use appropriate extinguishing media for the surrounding fire.
4. SPECIAL FIRE FIGHTING PROCEDURES ..... Self-contained breathing apparatus and full protective clothing (bunker gear) should be worn when fighting fires involving chemicals.
5. UNUSUAL FIRE AND EXPLOSION HAZARDS... NONE

\*\*\*\*\* SECTION 5 - SPECIAL PRECAUTIONS \*\*\*\*

1. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ..
- 1B. ADDITIONAL STORAGE PRECAUTIONS ..... Use sound industrial hygiene practices. Keep container closed when not in use. Wash after handling. Do not eat, drink or smoke around this or any other chemicals. Read labels and material safety data sheets before using. Store container in dry, cool area.
2. OTHER PRECAUTIONS ..... NONE.

\*\*\*\*\* SECTION 6 - HEALTH HAZARD DATA \*\*\*\*\*

1. THRESHOLD LIMIT VALUE ..... 1 MG/M3
2. OVEREXPOSURE EFFECTS/COMMENTS .....
- 2B. EXPOSURE LIMITS/DATA .....
 

OSHA:	N/E	ACGIH:	N/E
PEL/TWA:		TLV/TWA:	
PEL/CEILING:		TLV/STEL:	
- OTHER EFFECTS/DATA:
 

EYES:	STRONG IRRITANT, POSSIBLY CORROSIVE.
SKIN:	STRONG IRRITANT, POSSIBLY CORROSIVE.
INGESTION:	NAUSEA, CORROSIVE, VOMITING.
INHALATION:	N/E

3. EMERGENCY & FIRST AID PROCEDURES .....
- 3B. ADDITIONAL DATA ..... EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention. SKIN: Wash with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists. INGESTION: Give large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously, keep head lower than lungs to prevent aspiration of chemical into lungs. Never give anything by mouth to an unconscious person. Seek immediate medical attention. INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

ITEM # 29019  
KSS ENTERPRISE

KSS PORCELAIN TILE & METAL CL  
(SEE SECTION 10 FOR ADDRESS/PHONE #)

EFFECTIVE 03/07/2007

\*\*\*\*\* SECTION 7 - REACTIVITY DATA \*\*\*\*\*

- 1. UNSTABLE .. 2. STABLE .. X
- 3. INCOMPATIBILITY (MATERIALS TO AVOID) . AVOID STRONG ALKALI AND OXIDIZING AGENTS.
- 4. HAZARDOUS DECOMPOSITION PRODUCTS ..... HYDROGEN GAS ON CONTACT WITH METALS.
- 5. HAZARDOUS POLMERIZATION ..... NO
- 6. CONDITIONS TO AVOID ..... N/E

\*\*\*\*\* SECTION 8 - SPILL OR LEAK PROCEDURES \*\*\*\*\*

Wear necessary personal protective equipment. Evacuate all unnecessary and untrained personnel. Dike area to prevent spreading of materials. Cover drains. Cover spill with an inert material (clay, sand) and collect into appropriate containers. Dispose of in accordance with federal, state and local regulations.

\*\*\*\*\* SECTION 9 - SPECIAL PROTECTION INFORMATION \*\*\*\*\*

- 1. RESPIRATORY PROTECTION (SPECIFY TYPE). NONE NORMALLY NEEDED.
- 2. VENTILATION ..... ROOM VENTILATION
- 3. SPECIAL ..... To prevent skin contact.
- 4. PROTECTIVE GLOVES ..... Impervious
- 5. EYE PROTECTION ..... SAFETY GLASSES
- 6. OTHER PROTECTIVE EQUIPMENT ..... Eyewash and emergency shower should be located in the working area.

\*\*\*\*\* SECTION 10 - INFORMATION SOURCES \*\*\*\*\*

INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH OSHA'S 'HCA' AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

269-349-6637 800-535-5053  
KSS ENTERPRISE  
616 EAST VINE STREET  
KALAMAZOO, MI 49001

\*\*\*\*\* SECTION 11 - EMPTY CONTAINER INFORMATION \*\*\*\*\*

Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

\*\*\*\*\* SECTION 12 - TRANSPORTATION REQUIREMENTS \*\*\*\*\*

SHIPPING NAME & DOT CLASSIFICATION ... ORM-D  
TECHNICAL NAME ..... CONSUMER COMMODITY  
UN# -OR- NA# ..... N/A

N/A = NOT APPLICABLE

N/E = NONE ESTABLISHED