Product Name: Pro-Klenz

24 Hour Emergency Number - Chem-Tel: 1-800-255-3924
Revision Date: 08/15/08
Pages: 5

SECTION 1  CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: PRO KLENZ
SYNONYM(S): NONE
PRODUCT CODE: MTPROK
PRODUCT USE: TILE SURFACE CLEANING AND PREPARATION
MANUFACTURER: MAR-TEK INDUSTRIES
ADDRESS: 300 INDUSTRIAL DRIVE
FORNEY, TX 75129
EMERGENCY PHONE: (800)255-3924 CHEM-TEL (CHEMICAL EMERGENCIES ONLY)
OTHER CALLS: (PRODUCTINFO) (214)350-9401
FAX PHONE: (214)351-5435
PREPARED BY: R.L. SCHIEGG

SECTION 2  COMPOSITION/INFORMATION OF INGREDIENTS

INGREDIENT                  CAS NO.  %WT          SARA 313 REPORTABLE
KONTRAC HYDROXIDE          1310-58-3  15-25        NO
NOSHER TWA                  NONE             2mg/m²
OSHA PEL-TWA               NONE             NONE
2-BUTOXYETHANOL            117-76-2  15-25        NO
NOSHER TWA                  5ppm            24 mg/m² (skin)
OSHA PEL-TWA               50ppm            240 mg/m³ (skin)

SECTION 3  HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
ROUTES OF ENTRY:
INHALATION: YES (MISTS)
SKIN: YES
INGESTION: YES
EYES: YES

POTENTIAL HEALTH EFFECTS
INHALATION: IF SPRAYED OR MISTED MAY CAUSE CHEMICAL PNEUMONITIS OR CHEMICAL BURNS.  THIS PRODUCT IS NOT TOXIC BY INHALATION.
SKIN: MINIMALLY IRRITATING.  PROLONGED CONTACT MAY CAUSE DERMATITIS, DRYING OF SKIN.
INGESTION: DO NOT TAKE INTERNALLY.  MAY CAUSE NAUSEA, GASTROINTESTINAL DISTRESS OR DIARRHEA.
EYES: MAY CAUSE SEVERE EYE IRRITATION.  IF NOT REMOVED PROMPTLY MAY EVEN CAUSE BLINDNESS.
SECTION 3  HAZARDS IDENTIFICATION (CONTINUED)

ACUTE HEALTH HAZARDS: THE TOXICOLOGICAL PROPERTIES OF THIS COMPOUND HAVE NOT BEEN FULLY TESTED. SIMILAR COMPOUNDS ARE ESSENTIALLY NON-TOXIC.

CHRONIC HEALTH HAZARDS: THE TOXICOLOGICAL PROPERTIES OF THIS COMPOUND HAVE NOT BEEN FULLY TESTED. SIMILAR COMPOUNDS ARE ESSENTIALLY NON-TOXIC.

AGGRAVATION OF PRE-EXISTING HEALTH CONDITIONS: CONTACT OR BREATHING MISTS MAY EXACERBATE EXISTING SKIN OR RESPIRATORY DISORDERS.

CARCINOGENICITY:

OSHA REGULATED: NO  ACGIH: NO  NTP: NO  IARC MONOGRAPHS: NO  OTHER: NONE

SECTION 4  FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES. LIFT EYELIDS WHILE FLUSHING TO DECONTAMINATE ALL AREAS AROUND THE EYE AND EYELID. GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. WASH EFFECTED AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. DECONTAMINATE CLOTHING AND SHOES BEFORE REUSE. DISCARD CONTAMINATED LEATHER ARTICLES.

INGESTION: DO NOT INDUCE VOMITING. DILUTE WITH 3-4 GLASSES OF WATER OR MILK AND CALL THE NEAREST POISON CONTROL CENTER.

INHALATION: EVACUATE TO A SAFE AREA WITH PLENTY OF FRESH AIR. ALLOW THE AFFECTED INDIVIDUAL TO REST IN A WELL VENTILATED AREA. IF Breathing DISTRESS CONTINUES, SEEK MEDICAL AID IMMEDIATELY.

SECTION 5  FIREFIGHTING MEASURES

FLAMMABLE LIMITS INN AIR: UPPER: NONE  LOWER: NONE

FLASH POINT: NONE

METHOD USED: NOT APPLICABLE

NFPA HAZARD CLASSIFICATION: HEALTH 2  FLAMMABILITY 0  REACTIVITY 0

OTHER  NONE

HMIS CLASSIFICATION: HEALTH 2  FLAMMABILITY 0  REACTIVITY 0

OTHER  NONE

EXTINGUISHING MEDIA: NOT APPLICABLE

SPECIAL FIRE FIGHTING PROCEDURES: KEEP CONTAINERS COOL WITH A WATER SPRAY IF INVOLVED IN A FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION 6  ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE INFORMATION: DO NOT CONTAMINATE MUNICIPAL SEWERS OR OTHER OPEN BODIES OF WATER WITH RUNOFF. WEAR RECOMMENDED PROTECTIVE CLOTHING. REMOVE CONTAMINATED GARMENT PROMPTLY. REMOVE UNNECESSARY PERSONNEL FROM THE AREA. FLOORS MAY BE SLIPPERY; USE CARE TO AVOID FALLING. DIKE THE SPILL IMMEDIATELY WITH APPROPRIATE MATERIALS TO PREVENT THE SPREAD OF LIQUID. ABSORB THE MATERIAL WITH AN INERT ABSORBENT SUCH AS SAND, DIRT, VERMICULITE, OR "OIL DRY"; OR USE ABSORBENT PADS. TRANSFER LIQUIDS AND SOLID DRIED MATERIAL TO A SUITABLE CONTAINERS AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
SECTION 7  HANDLING AND STORAGE

HANDLING AND STORAGE: AVOID CONTACT WITH SKIN AND EYES. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE IN A DRY, COOL, WELL-VENTILATED AREA. EMPTY CONTAINERS MAY CONTAIN RESIDUE. ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH ALL GOVERNMENT REGULATIONS. KEEP THIS AND ALL CHEMICALS OUT OF HANDS OF CHILDREN.

OTHER PRECAUTIONS: NONE

SECTION 8  EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: NONE USUALLY NEEDED.
VENTILATION: LOCAL EXHAUST IS RECOMMENDED WHEN USED IN A CLOSED AREA.
RESPIRATORY PRECAUTIONS: USE A WELL-VENTILATED AREA. IF MIST IS BEING GENERATED AND EXCEEDS THE TLV A RESPIRATORY PROTECTION PROGRAM MEETING OSHA 1910/134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED.
EYE PROTECTION: SAFETY GLASSES (ANSI Z81.1) OR APPROVED EQUIVALENT AS NECESSARY TO MINIMIZE EYE CONTACT
SKIN PROTECTION: NEOPRENE OR OTHER MATERIALS MAY BE USED IF DOCUMENTED EVIDENCE OF COMPATIBILITY.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NEOPRENE APRONS, OVERSHOES, OVER-SLEEVES OR OTHER IMPERVIOUS CLOTHING AS NECESSARY TO MINIMIZE EXPOSURE.
WORK HYGIENIC PRACTICES: USE PROPER INDUSTRIAL HYGIENE PRACTICES TO MINIMIZE EXPOSURE.
WORK HYGIENIC PRACTICES: USE PROPER INDUSTRIAL HYGIENE PRACTICES TO MINIMIZE HAZARDOUS EXPOSURE. WASH HANDS AFTER HANDLING THIS MATERIAL BEFORE EATING OR SMOKING.
EXPOSURE GUIDELINES: NONE

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR LIQUID
ODOR: CHARACTERISTIC
PH: 13.2
BOILING POINT: NOT DETERMINED
FREEZING POINT: NOT DETERMINED
VAPOR PRESSURE: NOT DETERMINED
VAPOR DENSITY (AIR=1): SAME AS WATER
SPECIFIC GRAVITY: 1.09
SOLUBILITY IN WATER: COMPLETE
SECTION 10 STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITIONS TO AVOID: NONE KNOWN
INCOMPATABILITY (CONDITIONS TO AVOID): STRONG ACIDS, STRONG OXIDIZERS,
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: MAY EVOLVE CARBON DIOXIDE,
CARBON MONOXIDE AND OTHER UNIDENTIFIED PRODUCTS OF INVOLVED IN A FIRE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: THE TOXICOLOGICAL PROPERTIES OF THIS
COMPOUND HAVE NOT BEEN FULLY TESTED.

SECTION 12 ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT AVAILABLE

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: INCINERATE THIS MATERIAL AND ALL
ASSOCIATED WASTES, OR BURY IN AN APPROVED LANDFILL IN ACCORDANCE WITH
GOVERNMENTAL REGULATIONS. IF THESE OPTIONS ARE NOT AVAILABLE CONSIGN
THE RECOVERED MATERIALS TO A LICENSED HAZARDOUS WASTE CONTRACTOR.

RCRA HAZARD CLASS: NONE

SECTION 14 TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:
PROPER SHIPPING NAME: POTASSIUM HYDROXIDE SOLUTION UN1814

HAZARD CLASS: 8
PACKAGING GROUP: II
LABEL STATEMENT: CORROSIVE
OTHER AGENCIES: NONE

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
TSCA (TOXIC SUBSTANCES CONTROL ACT): ALL INGREDIENTS ARE TSCA LISTED
CERCLA: (COMPREHENSIVE RESPONSE COMPENSATION AND LIABILITY ACT)
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
SECTION 302: EHS
SECTION 304: HAZARDOUS RELEASE REPORTING NOT REQUIRED,
SECTION 311: REPORTING NOT REQUIRED,
SECTION 312: INVENTORY DATA REPORTING NOT REQUIRED,
SECTION 313: EMISSION AND RELEASE REPORTING NOT REQUIRED.
**ProKlenz**

**MSDS Information**

**Material Safety Data Sheet**

<table>
<thead>
<tr>
<th>SECTION 15</th>
<th>REGULATORY INFORMATION (CONTINUED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATE REGULATIONS:</td>
<td></td>
</tr>
<tr>
<td>CALIFORNIA PROPOSITION 65: NO SUBSTANCES PRESENT</td>
<td></td>
</tr>
<tr>
<td>MASSACHUSETTS RIGHT TO KNOW ACT: REFER TO CERCLA INFORMATION.</td>
<td></td>
</tr>
<tr>
<td>NEW JERSEY RIGHT TO KNOW ACT: POTASSIUM HYDROXIDE</td>
<td></td>
</tr>
<tr>
<td>PENNSYLVANIA RIGHT TO KNOW ACT: REFER TO CERCLA INFORMATION.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 16</th>
<th>OTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHANGES: NEW US FORMAT</td>
<td></td>
</tr>
<tr>
<td>PREPARATION INFORMATION: PREPARED BY R.L. SCHIEGG</td>
<td></td>
</tr>
</tbody>
</table>

**Manufacturers Disclaimer:**

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTY IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM USE OF THIS INFORMATION NOR DO WE OFFER WARRANTY AGAINST PATENT INFRINGEMENT.