Material Safety Data Sheet


SECTION I - IDENTIFICATION

PRODUCT NAME
BUCKEYE PENETRATE

DATE PREPARED
June 2, 2008

CHEMICAL FAMILY
Floor Finish Stripper, Water Based

CODE
5023

SECTION II - INGREDIENTS AND IDENTITY INFORMATION

% By WGT MATERIAL PEL T.L.V. C.A.S. NO.
7.5 Monoethanolamine 3 ppm 3 ppm 141-43-5
>56.5 Water NE NE 7732-18-5
<10.0 Benzyl Alcohol NE NE 100-51-6
<10.0 Ethylene Glycol Phenyl Ether NE NE 122-99-6
<10.0 Primary Alkane Sulfonate NE NE Blend
<5.0 Octanoic Acid NE NE 124-07-2
<1.0 Additives less than 1% NA NA NA

ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

SECTION III - PHYSICAL DATA

BOILING POINT °F 212°F pH (CONC.) 10.5 ± 0.2
SOLUBILITY IN WATER Infinite 1:4 Dilution (pH 7 DI Water) 10.2 ± 0.2
% VOLATILE BY WEIGHT 93.0 EVAPORATION RATE (Water=1) 1.0
SPECIFIC GRAVITY 1.02 PRODUCT FORM Liquid

APPEARANCE AND ODOR Clear Solution; No Scent - No Added Perfume

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (Test Method) Tag Closed Cup: None!

EXTINGUISHING MEDIA NA UPPER LIMIT: NA LOWER LIMIT: NA
SPECIAL FIRE FIGHTING PROCEDURES Wear alkali resistant clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS Products of combustion.

OXIDES OF SULFUR, CARBON AND NITROGEN.

SECTION V - REACTIVITY DATA

STABILITY Stable
CONDITIONS TO AVOID None known.
INCOMPATIBILITY Do not mix with chlorine bleach or acids.
HAZARDOUS DECOMPOSITION PRODUCTS None known.
HAZARDOUS POLYMERIZATION Will not occur.
**BUCKEYE PENETRATE**  
**CODE: 5023**

### SECTION VI - HEALTH HAZARD DATA

<table>
<thead>
<tr>
<th>ROUTE(S) OF ENTRY:</th>
<th>INHALATION?</th>
<th>SKIN?</th>
<th>INGESTION?</th>
</tr>
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<tr>
<td></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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**HEALTH HAZARDS (Acute and Chronic)**

- Very severe eye irritant. Slight skin irritant.
- May be harmful if swallowed.

**CARCINOGENICITY:**

- NTP? No
- IARC MONOGRAPHS? No
- OSHA REGULATED? No

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

- **For Eyes:** Redness or burning sensation.
- **For Skin:** Redness of skin or a warming sensation. **For Ingestion:** Nausea, headache.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

- Dermatitis. Can cause defatting of skin tissue.

**EMERGENCY AND FIRST AID PROCEDURES**

- **For Eyes:** Flush with cool water for 15 minutes. See physician.
- **For Skin:** Flush with water for 15 minutes. If irritation occurs and persists, see physician.
- **For Ingestion:** Give two large glasses of water. DO NOT induce vomiting. Call physician immediately!
- Never give anything by mouth to an unconscious person.

### SECTION VII - SPILL OR LEAK PROCEDURES

**SPILL RESPONSE**

- Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

**WASTE DISPOSAL METHOD**

- Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**EYE PROTECTION**

- Wear safety glasses or chemical splash goggles.

**VENTILATION**

- Maintain adequate ventilation.

**SKIN PROTECTION**

- Rubber gloves or other impervious gloves.

**RESPIRATORY PROTECTION**

- None required.

**OTHER PROTECTION**

- Wear water or chemical resistant footwear when scrubbing floors.
- Wash thoroughly with soap and water after handling.

### SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS IN HANDLING AND STORAGE**

- **KEEP OUT OF REACH OF CHILDREN!**
- Store at room temperature.
- Keep container closed when not in use. Store away from acids.
- Store on low shelves. Rinse container before discarding.

**OTHER PRECAUTIONS**

- This product is not regulated under CERCLA. This product is not regulated under RCRA when product label and MSDS spill directions are followed. If more than 10,000 lbs. is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an immediate health hazard. Product produced under one or more of the following U.S. Patents: 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,849,682 and 5,585,341. Other patents pending.

**PREPARED BY:**

- Scott Maag, Director of Research

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