MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Wood King® Stains
PRODUCT NO.: 0215 – Drop Dead Amber
CAS NO.: See Section 2
DATE: 01/01/2015

HMIS HAZARD RANK
HEALTH: 2 0 = Least
FIRE: 2 1 = Slight
REACTIVITY: 0 2 = Moderate
3 = High
4 = Extreme

SECTION 1 – DISTRIBUTOR IDENTIFICATION

Mikemike LLC
2021 Arch Street
Philadelphia, PA. 19103-1491
844-644-5464

For Chemical Emergency
INFOTRAC Domestic North America: 800-535-5053
INFOTRAC International: 13523 233 500 (call collect)

SECTION 2 - HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NO.</th>
<th>WEIGHT%</th>
<th>OSHA-PEL</th>
<th>ACGIH-TVL</th>
<th>RECOMMENDED PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol Ether EP</td>
<td>2807-30-7</td>
<td>60-70</td>
<td>NE</td>
<td>NE</td>
<td>Zero or lowest possible exposure</td>
</tr>
</tbody>
</table>

Important Notice:
UNPROTECTED CONTACT with Section 2 ingredients is hazardous based on OSHA 29 CFR 1910.1200 & related appendices, unless noted otherwise for disclosure. Any not listed are confidential, non-hazardous, or below reportable limits. Confidential information is available to medical or emergency personnel. Use ALL PROTECTIVE EQUIPMENT & CLOTHING (Section 8) TO MINIMIZE OR ELIMINATE CONTACT. Follow instructions. A cautious approach to chemical is taken. Effects from UNPROTECTED chemical contact are unpredictable, depending upon individual reactions. End-users or formulators are responsible for hazard determination and communication.

SECTION 3 - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

EMERGENCY OVERVIEW: Harmful when inhaled. Severe eye & skin irritant.

EYE CONTACT: Depending on degree and length of UNPROTECTED exposure to vapors, mists, splashes, aerosols, droplets or dusts of product, effects may include SEVERE IRRITATION, pain, stinging, burning feeling, redness, swelling, change of vision, discoloration, watering, itching, possible damage to unprotected eyes especially so without immediately rinsing or with heavy or prolonged contact.

SKIN CONTACT: Depending on degree and length of UNPROTECTED CONTACT, vapors, mists, splashes, aerosols or dusts of product may cause health effects including MILD IRRITATION to skin, redness, rash, drying, and slight burning/stinging sensation. Heavy or prolonged overexposure may cause increased severity of symptoms.
Constant-repeated heavy contact with some powdered products may cause abrasion (wearing away) of skin. Some components may be absorbed through unprotected skin causing or adding effects.  
**INHALATION:** Depending on degree and length of UNPROTECTED inhaling of product vapors, mists, aerosols or dusts, may cause health effects including MODERATE IRRITATION of nose, throat, lungs, mucous membranes, headache, dizziness, coughing, wheezing, chest pain, shortness of breath, runny nose, nausea, mucous production. REPEATED OR PROLONGED inhalation may increase effects with reduced pulmonary function, possible chest illness, and Central Nervous System effects. Long-term exposure may cause other effects. Heated liquid processing can worsen effects. Inhalation of dusts or mists may be damaging to lungs if overexposed. Hazard assessment is cautious, based on competent information.  
**INGESTION:** Depending on amount swallowed, product can cause health effects including: Headache, gastrointestinal irritation, upset stomach, abdominal pain, nausea, vomiting (material aspirated into lungs during vomiting IS A MEDICAL EMERGENCY and may injure lungs), diarrhea, MODERATE IRRITATION of mouth, throat, esophagus, stomach, entire gastrointestinal tract, Central Nervous System depression including mental sluggishness, mental confusion, fatigue, weakness, dizziness, drowsiness, faintness, with high dose, severe irritation, lack of coordination, intoxication, other effects.  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** UNPROTECTED or IMPROPERLY PROTECTED exposure to vapors, mists, aerosols, splashes or dusts of full strength product or its components by inhalation, eye contact, skin contact or swallowing is EXPECTED TO AGGRAVATE one or more of the following pre-existing conditions: Impaired respiratory functions (asthma, bronchial diseases, etc.), skin disorders, Central Nervous System disorders, kidney or liver diseases, neurological diseases, eye disorders or nerve or circulatory disorders. Any of these conditions may be made more severe by either unprotected or improperly protected exposure to this material. Avoid ANY contact. Persons with any of the above-mentioned conditions should avoid working with chemicals.  
**SKIN SENSITIZATION:** Skin sensitization from unprotected exposure to this product HAS NOT BEEN DETERMINED. Skin effects from repeated exposure CAN BE UNPREDICTABLE AND may appear in sensitive individuals not previously known to be hypersensitive or allergic. Avoid ALL exposures, as a precaution. Follow all supervisor instructions and all directions in Section 8 for personal health protection.  
**RESPIRATORY SENSITIZATION:** Respiratory sensitization caused by inhalation exposure to product dusts, vapors, mists or aerosols HAS NOT BEEN DETERMINED. As a precaution against aggravating existing respiratory conditions, hypersensitivity, allergic reactions or other unforeseen health effects, be sure to read, understand and follow all supervisor instructions AND instructions for wearing Personal Protective Equipment and clothing in Section 8 of this Material Safety Data Sheet. Avoid unprotected inhalation of product in any form. ALLERGIC REACTIONS and SENSITIVITY depend on the individual and CAN BE UNPREDICTABLE.  
**SPECIAL WARNINGS:** None For This Material  
**UNUSUAL HEALTH HAZARDS:** None For This Material
SUPPLEMENTAL HAZARD
INFORMATION: No Additional Information Available
NOTES TO PHYSICIAN: No Notes Available

SECTION 4 – FIRST AID INSTRUCTIONS

EYE CONTACT: Immediately rinse with plenty of water for at least 15 minutes. Get immediate medical attention, as a precaution.
SKIN CONTACT: Immediately remove contaminated clothing. Wash affected area with soap and water and rinse with plenty of water. Get medical attention, as a precaution.
INHALATION: Move person to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration and get emergency medical help immediately. Have this Material Safety Data Sheet available.
INGESTION: Do not induce vomiting unless directed to do so by emergency medical personnel. Have this Material Safety Data Sheet available.

SECTION 5 – FIREFIGHTING INSTRUCTIONS

FLASH POINT: NA
AUTO-IGNITION TEMPERATURE: NA
LEL: NA
UEL: NA
UNUSUAL HAZARDS: None Expected
OTHER HAZARDS: Flammable Vapors May Travel And Accumulate Creating A Fire Hazard. Avoid Danger.
TYPES OF EXTINGUISHERS: CO₂, dry chemical, foam, water fog or spray depending on type of fire.
FIREFIGHTING DIRECTIONS: Wear self-contained breathing equipment and fireproof clothing. Use water spray to cool fire-exposed containers if they cannot be moved safely.

SECTION 6 – ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

SPECIAL PRECAUTIONS: None known. Follow general precautions shown.
REPORTING: Check the RQ.
STATIC DISCHARGES: Take precautionary measures against static discharges when mixing, filling or otherwise dispensing any powders, combustibles or flammable liquids. Containers should be properly grounded with metal straps, cables or other appropriate means to relieve static electricity build-up.
ENVIRONMENTAL PROTECTION: Immediately dike liquid spills with inert absorbent material (sand, "Oil Dry" or other commercially available spill absorbent) to contain and soak up liquid. Prevent material from entering floor drains, sewers or any bodies of water. For powder spills, use sweeping compound, sawdust or other appropriate material to contain dust. If possible, recover any uncontaminated materials to re-use.
PROTECTIVE EQUIPMENT AND CLOTHING: Wear all proper personal protective equipment and clothing to care for spill situation. See Section 8 of this Material Safety Data Sheet.

CLEAN-UP: After containing liquid spill by diking and soaking up with inert absorbent material, place in labeled container to be sealed for proper and regulated disposal. Only the slightest residue should remain. Try to save uncontaminated material for reuse whenever possible. For powders, use sweeping compound to minimize dust and pick up as much product as possible. Do not allow liquids to seep into drains, sewers, lakes, rivers, etc. Check sections 1 and 2 for dye description or type. Solvent dye residue may be cleaned by scrubbing with detergent, depending on type. Do not add water to water-soluble dyes. Dye is concentrated. This will increase the amount of color to remove. All cleaning or scrubbing liquids should be absorbed and placed in labeled containers for correct disposal. Call emergency number for assistance if needed.

SECTION 7 – HANDLING AND STORAGE

WARNINGS AND PRECAUTIONS: No special precautions anticipated. Wear all PPE in Section 8 as a precaution and avoid physical contact with material.
PERSONAL PROTECTION: Wear ALL proper personal protective equipment as outlined in Section 8 of this Material Safety Data Sheet.
STORAGE & TEMPERATURE CONDITIONS: Keep conditions cool, dry, out of direct sunlight, away from high heat and with at least minimal ventilation. Protect all products containing water from freezing.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

NOTE: SELECTING PROTECTIVE EQUIPMENT & CLOTHING: When choosing personal protective equipment (PPE) and clothing, consider each worker environment, all chemicals being handled, temperature and other conditions.
EYE PROTECTION: Always wear indirectly vented, splash-proof chemical safety goggles under a clear face shield. Face shield is not be used without these goggles.
SKIN PROTECTION: Always wear most impervious gloves such as nitrile or other proper chemical-resistant gloves for the job, along with proper coveralls, rubber or plastic apron, etc. Wash hands before eating, drinking or using restroom. Shower after each shift. Clean contaminated protective equipment and clothing before reusing.
RESPIRATORY PROTECTION: WHENEVER exposure to product vapors, mists or aerosols is expected, ALWAYS wear an appropriate NIOSH-approved organic vapor/mist air-purifying or air-supplied respirator, with ALL proper filters, as necessary. After each shift, completely clean respirator in compliance with 29 CFR 1910.134.
EYE WASHES AND OTHER PROTECTION: Eye wash stations and drench showers should be located within 100 feet or 10-second walk of the work area per ANSI Standard Z358.1-1990.
VENTILATION: Local exhaust should be used to maintain exposure limits below specified amounts recommended by OSHA, NIOSH or ACGIH and to draw spray, aerosol, vapors or dusts away from workers and prevent routine inhalation. At least 10 air changes per hour are recommended for good room ventilation.
AIRBORNE EXPOSURE LIMITS: Not referenced in literature.
SECTION 9 - PHYSICAL PROPERTIES

pH: ~6.5-8.5  
% WATER CONTENT: 5-15  
% TOTAL SOLIDS/NON-VOLATILES: 20-30  
% TOTAL VOC: 60-70  
SOLVENTS BY WEIGHT: 60-70  
BOILING POINT: Not Established  
COLOR: Brown  
FORM: Liquid  
ODOR: Mild Ether  
FREEZING/MELTING POINT: Not Established  
LBS. PER GALLON: Not Established  
SPECIFIC GRAVITY (LIQUID): ~1.0  
VAPOR PRESSURE: Not Established  
WATER SOLUBILITY: Soluble – Test As Required  
SOLVENT SOLUBILITY: Test As Applicable  
OTHER PROPERTIES: No Further Data

All data shown above are typical values, not specifications.
Any quantity of VOCs reported here is calculated based on U.S. EPA definition. State or local definitions may differ.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Product is stable under normal, ambient (controlled) conditions concerning heat, moisture, pressure, ventilation and exposure to incompatible or reactive materials.
HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.
CONDITIONS TO AVOID: ALL fire & ignition hazards, heat.
INCOMPATIBLE MATERIALS: Strong acids, bases, oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: In fire: Oxides of carbon & other fumes.
POSSIBLE HAZARD REACTIONS: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

ORAL LD50 (RAT): Glycol Ether EP: 3089 mg/kg  
RTECS KM2800000  
EYE EFFECTS (RABBIT): Glycol ether EP: Severe Irritant  
RTECS KM2800000  
SKIN EFFECTS (RABBIT): Glycol Ether EP: Mild Irritant  
RTECS KM2800000  
MUTAGENICITY: No Data Currently Available  
INHALATION LC50 (RAT): No Data Currently Available  
SKIN SENSITIVITY (GUINEA PIG): No Data Currently Available  
RESPIRATORY SENSITIZATION: No Data Currently Available  
SECTION 12 – ECOLOGICAL DATA

BOD: No Data Currently Available
COD: No Data Currently Available
AQUATIC TOXICITY: No Data Currently Available
BIODEGRADABILITY: No Data Currently Available
PERSISTENCE: No Data Currently Available
ECOTOXICITY: No Data Currently Available
SEWAGE TREATMENT: No Data Currently Available
OTHER DATA: No Additional Data Are Available

SECTION 13 – DISPOSAL AND ENVIRONMENTAL CONSIDERATION

REUSE OF MATERIALS: Reclaim all uncontaminated material to reuse, recycle or otherwise rework whenever possible.
CONTAIN – DO NOT RELEASE: Do not release into sewers, water systems, ground systems or ecosystems without proper authorization.
DISPOSAL METHODS: Incinerate, treat or bury (landfill), after sampling and testing, at facility approved by applicable federal, state and local authorities.
EMPTY CONTAINERS: Empty containers may contain residue and/or vapors and should not be reused unless professionally cleaned and reconditioned. Crush, if not cleaned, to prevent reuse

APPLICABLE REGULATIONS: See Section 15 if regulated.
SPECIAL INSTRUCTIONS: See Section 15 if regulated.

SECTION 14 – SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATIONS (GROUND): DOE NOTES: Not regulated in containers <119 Gal. For containers >119 Gal. use KAC Ship Class Code COM GEP.
IATA REGULATIONS (AIR): Not Regulated

SECTION 15 – REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NO.</th>
<th>WEIGHT%</th>
<th>REGULATORY LIST</th>
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<tbody>
<tr>
<td>Glycol Ether EP</td>
<td>2807-30-7</td>
<td>60-70</td>
<td>14</td>
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REGULATORY LIST REFERENCE: NOTE: Regulations only apply when numbers listed below are shown on line(s) above this notation.
Example A: 5, 8 (Indicates chemical is listed as an EPA HAP and Marine Pollutant).
Example B: 10: D007, 11:5000 (Indicates chemical is a hazardous waste (Chromium), and is an EHS with RQ of 5000 lbs.)

1-Accidental Release Substance
2-CERCLA 304 Hazardous Substance (RQ)
3-CERCLA Reportable Quantity (RQ)
4-Clean Air Act-Sec. 111 Volatile Organic Compounds (VOC)
5-Clean Air Act-Sec. 112 Haz. Air Pollutant (HAP, HAP Code)
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: Yes
CHRONIC/DELAYED HAZARD: Yes
FIRE HAZARD: No
SUDDEN RELEASE OF PRESSURE HAZARD: No
REACTIVITY Hazard: No

NATIONAL CHEMICAL INVENTORIES:

AICS (Australia): Not Yet Determined.
ASIA-PAC (Asia-Pacific): Not Yet Determined.
DSL (Canada): Not Yet Determined.
ECL (Korea): Not Yet Determined.
EINECS (Europe): Not Yet Determined.
ENCS (Japan): Not Yet Determined.
IECSC (China): Not Yet Determined.
PICCS (Philippines): Not Yet Determined.
TSCA (US): Components Listed

SECTION 16 – OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200 and supersedes any previous information. Previously dated sheets are invalid and inapplicable.

LEGEND:

LEL = Lower Explosive Limit
NA = Not Available
NE = Not Established
PEL = Permissible Exposure Limit
TLV = Threshold Limit Value
UEL = Upper Explosive Limit