SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME  ADDRESS
W.M. BARR & COMPANY, INC.  2105 Channel Ave.
                                Memphis, TN 38113  USA

EMERGENCY TELEPHONE #1  EMERGENCY CONTACT
901-775-0100  W.M. Barr Technical Services

EMERGENCY INFORMATION
"3E" 24 HOUR MEDICAL EMERGENCY #, 800 451-8346.
SEE SECTION 5 FOR ADDITIONAL EMERGENCY INFORMATION

INVENTORY ITEM #  CHEMICAL FORMULA
GKKH99991  GL1806

PRODUCT NAME  REVISION DATE
KS KLEAN HEAT GALLON  6/11/2003

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CARCINOGENICITY

<table>
<thead>
<tr>
<th>SUBSTANCE DESCRIPTION</th>
<th>PERCENT</th>
<th>CAS#</th>
<th>NTP</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>IARC</th>
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<tr>
<td>Low Odor High Flash Hydrocarbo</td>
<td>100</td>
<td></td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
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<tr>
<td>n</td>
<td></td>
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</table>

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>SUBSTANCE DESCRIPTION</th>
<th>REG.AGCY U/M</th>
<th>TWA</th>
<th>STEL</th>
<th>CEIL</th>
<th>SKIN</th>
<th>PEL</th>
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</thead>
<tbody>
<tr>
<td>Low Odor High Flash Hydrocarbo</td>
<td>ACGIH PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N/E</td>
</tr>
<tr>
<td>n</td>
<td>OSHA PPM</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
<td>N</td>
<td>N/E</td>
</tr>
</tbody>
</table>

ADDITIONAL REGULATORY INFO
The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)
Ingredients in this product are not listed on California's Prop 65 list: "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity."

SEC. 313 SUPPLIER NOTIFICATION
The following information must be included in all MSDS that are copied and distributed for this material.

This product contains no chemicals subject to the reporting requirements of SARA III: Section 313.

CLEAN AIR ACT
This formula contains no known ozone depleting chemicals.
SECTION 3. REGULATORY INFORMATION
(CONTINUED)

HAZARD COMMUNICATION STANDARD
This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS
May cause dizziness, headache, watering of eyes, eye irritation, weakness, nausea, muscle twitches, and depression of central nervous system. Severe overexposure may cause convulsions, unconsciousness, and death.

SKIN CONTACT ACUTE EXPOSURE EFFECTS
None known.

EYE CONTACT ACUTE EXPOSURE EFFECTS
May cause irritation.

INGESTION ACUTE EXPOSURE EFFECTS
Harmful or fatal if swallowed. May cause nausea, weakness, muscle twitches, gastrointestinal irritation, diarrhea, unconsciousness, convulsions, and death.

CHRONIC EXPOSURE EFFECTS
Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. May cause skin irritation, anemia, bone marrow damage, liver damage, and jaundice.

MEDICAL CONDITIONS AGGRAVATED
None known.

PRIMARY ROUTE OF EXPOSURE
Inhalation, ingestion, and dermal.

SECTION 5. FIRST AID MEASURES

INHALATION
If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT
Wash with soap and water.

EYE CONTACT
Flush with large quantities of water for at least 15 minutes. If irritation from contact persists, get medical attention.

INGESTION
DO NOT induce vomiting. Call your poison control center, hospital emergency room, or physician immediately.
NOTE TO PHYSICIAN
This formula is registered with POISINDEX.
Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE HMIS NFPA
HEALTH 2 1
FLAMMABILITY 2 2
REACTIVITY 0 0
OTHER G NA

FLASH METHOD
TCC

FLASH POINT
142.00 F 61.11 C

LOWER EXPLOSION LIMIT
N/E

GENERAL COMMENTS
OSHA FLAMMABILITY: Class II

EXTINGUISHING METHOD
Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES
Self-contained respiratory protection should be provided for
fire fighters fighting fires in buildings or confined areas. Storage
containers exposed to fire should be kept cool with water spray to
prevent pressure build-up. Stay away from heads of containers that
have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS
CAUTION! COMBUSTIBLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL
OTHER SOURCES OF IGNITION.

SECTION 7. ACCIDENTAL RELEASE MEASURES

CLEAN-UP
Keep unnecessary people away; isolate hazard area and deny entry.
Stay upwind, out of low areas, and ventilate closed spaces before
entering. Shut off ignition sources; keep flares, smoking or flames
out of hazard area. SMALL SPILLS: take up liquid with sand, earth
or other noncombustible absorbent material and place in a plastic
container where applicable. LARGE SPILLS: dike far ahead of spill
for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300
for emergency assistance.

WASTE DISPOSAL
Dispose in accordance with applicable local, state and federal
regulations.
SECTION 8. HANDLING AND STORAGE

STORAGE
Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

HANDLING
Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION
Domestic: Petroleum Distillates

IMDG/IMO: Petroleum Distillates, Flash point above 61 degrees C (141.8 F)

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION
Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is inadequate. Leave area immediately.

RESPIRATORY PROTECTION
For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION
Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

EYE PROTECTION
Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

OTHER PROTECTION
Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE %
100.000
by weight
SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

BOILING POINT
GT 316.00 °F 157.77 °C BOILING RANGE: 316 °F – 360 °F

VAPOR DENSITY (Air = 1.0)
Heavier than air

EVAPORATION RATE
Slower than ether

BULK DENSITY
6.380
lbs/gal at 75 °F

pH FACTOR
N/E

PHOTOCHEMICALLY REACTIVE
NO

MAX V.O.C.
800 grams per liter (excluding exempt solvents and water)

MAX VAPOR PRESSURE
(of the V.O.C.) 2mm Hg at 20 degrees C

SECTION 12. STABILITY AND REACTIVITY

INCOMPATIBILITIES
Incompatible with strong oxidizing agents.

DECOMPOSITION
Decomposition may produce carbon monoxide and carbon dioxide.

POLYMERIZATION
Will not occur.

STABILITY
Stable.

SECTION 13. ADDITIONAL INFORMATION

IMPORTANT NOTE
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:
PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
PMCC = Pencky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health
***END OF MSDS***