**KLEAN-STRIP**
**GILLESPIE**
**KWIK**
**DUFFY'S**
**EL PICO**
**P&D**

**MATERIAL SAFETY DATA SHEET**

**DATE PRINTED:**
00000000

**ATTN:** RISK MANAGEMENT

**PAGE**

**MSDS NO:** 1679

**SECTION 1. MANUFACTURERS INFORMATION**

MANUFACTURERS NAME
W.M. BARR & COMPANY, INC.

ADDRESS
2105 Channel Ave.
Memphis, TN 38113

EMERGENCY TELEPHONE
901-775-0100

EMERGENCY CONTACT
W. M. BARR Technical Services

See Section 6 for additional Emergency Information

**REVISED BY**
W. M. BARR MSDS Committee 7/20/1992

**SECTION 2. PRODUCT INFORMATION**

INVENTORY ITEM #
GTP28

CHEMICAL FORMULA
1679

PRODUCT NAME
KLEAN-STRIP TURPATINE

**SECTION 3. INGREDIENTS/REGULATORY INFORMATION**

**PERCENT BY WEIGHT**

**CARCINOGENICITY**

**INGREDIENT DESCRIPTION**

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<thead>
<tr>
<th></th>
<th>CAS#</th>
<th>NTP</th>
<th>ACGIH</th>
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**EXPOSURE LIMITS/REGULATORY INFORMATION**

**REG.**

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<td>PROPRIETARY MIXTURE OF TERPENE ISOMERS.</td>
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<td>OSHA PEL AS PROVIDED BY SUPPLIER.</td>
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SECTION 3. INGREDIENTS/REGULATORY INFORMATION (CONTINUED)

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<td>MAY CONTAIN 50% PSEUDOCUMENE, CAS# 95-63-6 AND 22.5% 1,3,5-TRIMETHYLENENAPHTHALENE, CAS# 108-67-8.</td>
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<tr>
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<td>OSHA PPM</td>
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</tbody>
</table>

THE SUPPLIER RECOMMENDS AN EXPOSURE GUIDELINE OF 50 PPM, TLV.

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.

SECTION 4. OTHER REGULATORY INFORMATION

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 the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

<table>
<thead>
<tr>
<th>INGREDIENT DESCRIPTION</th>
<th>PERCENT BY WEIGHT (UPPER LIMIT)</th>
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</thead>
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<tr>
<td>CUMENE</td>
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<td>1,2,4-TRIMETHYLBENZENE</td>
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<td>95-63-6</td>
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<tr>
<td>XYLENE</td>
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<td>1330-20-7</td>
</tr>
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</table>

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 5. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS
Vapor harmful. May cause dizziness, headache, watering of eyes, eye irritation, weakness, drowsiness, nausea, loss of coordination, irritation of respiratory tract, muscle twitches, depression of central nervous system, and fatigue. Severe overexposure may cause convulsions, unconsciousness, and death. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal.
SECTION 5. HAZARDS IDENTIFICATION
(CONTINUED)

SKIN CONTACT ACUTE EXPOSURE EFFECTS
May cause irritation, drying of skin, redness, burning, and cracking.

EYE CONTACT ACUTE EXPOSURE EFFECTS
May cause irritation and conjunctivitis of eyes.

INGESTION ACUTE EXPOSURE EFFECTS
Harmful or fatal if swallowed. May cause dizziness, nausea, headache, weakness, drowsiness, vomiting, irritation of digestive tract, loss of coordination, fatigue, muscle twitches, diarrhea, gastrointestinal irritation, unconsciousness, convulsions, and death.

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

MEDICAL CONDITIONS AGGRAVATED
None known.

PRIMARY ROUTE OF EXPOSURE
Inhalation, ingestion, and dermal.

SECTION 6. 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 7. FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>HAZARD RATING SOURCE</th>
<th>HMIS</th>
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<tr>
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<tr>
<td>FLAMMABILITY</td>
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<td>REACTIVITY</td>
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<td>OTHER</td>
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</table>

FLASH METHOD
TCC
SECTION 7. FIRE FIGHTING MEASURES
(CONTINUED)

FLASH POINT
104.00 °F  40.00 °C

LOWER EXPLOSION LIMIT
1.00

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 8. 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 flames, 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 9. HANDLING/STORAGE/TRANSPORTATION

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.

TRANSPORTATION
For D.O.T. information, contact W.M. Barr Technical Service
Department.
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 %
by weight 100.000

BOILING POINT
GT 310.0 F 154.44 C

BOILING RANGE: 310 F - 405 F

VAPOR DENSITY (Air = 1.0) EVAPORATION RATE
Heavier than air Slower than ether

BULK DENSITY
7.026
1lbs/gal at 75 F

PHOTOCHEMICALLY REACTIVE
YES

MAX V.O.C.
862 grams per liter (excluding exempt solvents & 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 = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

***END OF MSDS***