# MATERIAL SAFETY DATA SHEET

DATE PRINTED: 2/26/2004
15543700 00000001 3E COMPANY


MSDS NO. 1677.1

## SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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

**ADDRESS**
2105 Channel Avenue
Memphis, TN 38113 USA

**EMERGENCY TELEPHONE #1**
901-775-0100

**EMERGENCY CONTACT**
W.M. Barr Technical Services

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

**INVENTORY ITEM #**
GPT1KP

**CHEMICAL FORMULA**
1677.1, EKPT94002, EKPT94102, QKPT9

06, GKPT94202, QKPT94203, GKPT94002

**PRODUCT NAME**
KS PT THINNER PLAS 1 GL 60 PK

**REVISED BY**
W.M. Barr Technical Services

**REVISION DATE**
2/26/2004

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

| SUBSTANCE DESCRIPTION | PERCENT | CAS# | CARCINOGENICITY NTP | ACGIH | OSHA | IARC |
|---|---|---|---|---|---|---|
| MINERAL SPIRITS | 1-100 | N/A | N | N | N | N |
| ** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING ** | | | | | | |
| STODDARD SOLVENT, TYPE I | 95-100 | 8052-41-3 | N | N | N | N |
| 1,2,4-TRIMETHYLBENZENE | 0- 2 | 95-63-6 | N | N | N | N |
| PETROLEUM DISTILLATES | 1-100 | 64741-85-1 | N | N | N | N |

## SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

| SUBSTANCE DESCRIPTION | REG.AGCY | U/M | TWA | STEL | CEIL | SKIN | PEL |
|---|---|---|---|---|---|---|---|
| MINERAL SPIRITS | ACGIH | PPM | N/E | N/E | N/E | N | N/E |
| | OSHA | PPM | N/E | N/E | N/E | N | N/E |
| EXXON RECOMMENDS AN OCCUPATIONAL EXPOSURE LIMIT OF 100 PPM TOTAL HYDROCARBON BASED ON COMPOSITION. | | | | | | | |
| STODDARD SOLVENT, TYPE I | ACGIH | PPM | 100.00 | N/E | N/E | N | N/E |
| | OSHA | PPM | 100.00 | N/E | N/E | N | 500.00 |
| 1,2,4-TRIMETHYLBENZENE | ACGIH | PPM | N/E | N/E | N/E | N | N/E |
| | OSHA | PPM | N/E | N/E | N/E | N | N/E |
| PETROLEUM DISTILLATES | ACGIH | PPM | 100.00 | N/E | N/E | N | N/E |
| | OSHA | PPM | N/E | N/E | N/E | N | N/E |

**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.

## SECTION 3. REGULATORY INFORMATION (CONTINUED)

**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):

| SUBSTANCE DESCRIPTION | PERCENT BY WEIGHT (UPPER LIMIT) | CAS# |
|---|---|---|
| 1,2,4-TRIMETHYLBENZENE | 2 | 95-63-6 |

**CLEAN AIR ACT**
This formula contains no known ozone depleting chemicals.

**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.

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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 cay 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, and diarrhea. Severe overexposure may cause convulsions, unconsciousness, and death.

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

**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 large quantities of water and seek medical attention if irritation from contact persists.

**EYE CONTACT**
Flush with large quantities of water for at least 15 minutes and seek immediate 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**
SETA

**FLASH POINT**
105.00 F 40.55 C

**LOWER EXPLOSION LIMIT**
1.0

**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. 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. VAPORS MAY CAUSE FIRE. VAPORS MAY TRAVEL LONG DISTANCES TO OTHER AREAS AND ROOMS AWAY FROM WORK SITE. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition anywhere in the structure, dwelling or building during use and until all vapors are gone from work site and all areas away from work site. Keep away from electrical outlets and switches. Beware of static electricity that may be generated by synthetic clothing and other sources.

## 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**
For D.O.T. information, contact W.M. Barr Technical Services 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**
If the work area is not well ventilated you MUST use a properly fitted and maintained NIOSH approved respirator for organic solvents.A dusk 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

## SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

or shoes.

## SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

**VOLATILE %**
100
by weight

**BOILING POINT**
GT 310.00 F 154.44 C BOILING RANGE: 310 F - 405 F

**VAPOR DENSITY (Air = 1.0)**
HEAVIER THAN AIR

**EVAPORATION RATE**
SLOWER THAN ETHER

**BULK DENSITY**
6.659
LBS/GAL AT 75 DEGREES F

**pH FACTOR**
N/E

**PHOTOCHEMICALLY REACTIVE**
YES

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

**MAX VAPOR PRESSURE**
(of the V.O.C.) 3mm Hg at 20 degrees C

## SECTION 12. STABILITY AND REACTIVITY

**INCOMPATIBILITIES**
Incompatible with strong oxidizing agents.

**DECOMPOSITION**
Thermal 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:

## SECTION 13. ADDITIONAL INFORMATION (CONTINUED)

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***