

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Klean Strip Turpatine
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100

Web site address: www.wmbarr.com

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892

Intended Use: Used to thin oil-based paint, varnish, enamel, and stain. Cleans brushes and equipment after use.

Synonyms: QTP28

Additional Information This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 3
Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1
Germ Cell Mutagenicity, Category 1B
Aspiration Toxicity, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H340: May cause genetic defects.

GHS Precaution Phrases: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.

GHS Response Phrases: P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

SAFETY DATA SHEET

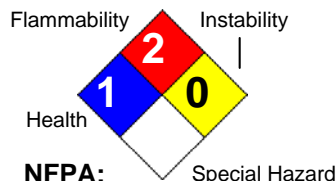
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P308+313: IF exposed or concerned: Get medical attention/advice.
 P321: Specific treatment see label.
 P331: Do NOT induce vomiting.
 P332+313: If skin irritation occurs, get medical advice/attention.
 P333+313: If skin irritation or rash occurs, seek medical advice/attention.
 P362: Take off contaminated clothing and wash before re-use.
 P363: Wash contaminated clothing before reuse.
 P370+378: In case of fire, use dry chemical powder to extinguish.
 P403+235: Store in cool/well-ventilated place.
 P405: Store locked up.
 P501: Dispose of contents/container according to local, state and federal regulations.

GHS Storage and Disposal Phrases:

Hazard Rating System:

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL		0
PPE		X



HMIS:

Potential Health Effects (Acute and Chronic):

Inhalation Acute Exposure Effects
 Vapor Harmful. May cause dizziness, headache, watering of eyes, irritation or respiratory tract, weakness, drowsiness, depression of central nervous system, muscle twitches, nausea, loss of coordination, depression of the central nervous system and fatigue.. Severe overexposure may cause convulsions, unconsciousness, and death. Intentional misuse of this product by deliberately concentration and inhaling can be harmful or fatal.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

May cause irritation, drying of skin, redness, burning and cracking.

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 amenia, skin irritation, bone marrow damage, liver damage and jaundice.

Medical Conditions Generally None known

Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
65996-99-8	Terpenes and Terpenoids, turpentine-oil, limonene fraction	0.0 -25.0 %	NA
3030-30-6	Mineral spirits	0.0 -40.0 %	NA
64742-95-6	Petroleum Hydrocarbons	0.0 -35.0 %	WF3400000

Additional Chemical

Specific percentage of composition is being withheld as a trade secret.

Information

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

INHALATION

If user experiences breathing difficulty, move to fresh 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 eye 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 local 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.

5. FIRE FIGHTING MEASURES

Flash Pt: Class II
105.00 F Method Used: TAG Closed Cup

Explosive Limits: LEL: 1 UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use carbon dioxide, dry powder, or foam.

Fire Fighting Instructions: 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.

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

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

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

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in 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 applicable local, state, and federal regulations. Do not reuse this container.

Precautions To Be Taken in Storing: Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
65996-99-8	Terpenes and Terpenoids, turpentine-oil, limonene fraction	No data.	No data.	No data.
3030-30-6	Mineral spirits	No data.	No data.	No data.
64742-95-6	Petroleum Hydrocarbons	No data.	No data.	No data.

Respiratory Equipment (Specify Type): For OSHA controlled workplace 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 dusk mask does not provide protection against vapors.

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.

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

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [] Liquid [] Solid

Appearance and Odor: No data available.

Melting Point: No data.

Boiling Point: 310.00 F - 405.00 F

Autoignition Pt: No data.

Flash Pt: 105.00 F Method Used: TAG Closed Cup

Explosive Limits: LEL: 1 UEL: No data.

Specific Gravity (Water = 1): No data.

Density: 7.026 LB/GL at 75.0 F

Vapor Pressure (vs. Air or mm Hg): 2 MM HG at 20.0 C

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: No data.

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Supersedes Revision: 08/19/2010

pH: NE
Percent Volatile: 100.0 % by weight.
VOC / Volume: 834.0000 G/L

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - No data available.
Instability:
Incompatibility - Materials To Avoid: Incompatible with strong oxidizing agents.
Hazardous Decomposition or Byproducts: Decomposition may produce carbon monoxide and carbon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - No data available.
Hazardous Reactions:

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for acute and chronic health effects.
CAS# 64742-95-6:
Acute toxicity, LD50, Oral, Rat, 8400. MG/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Behavioral: Tremor.
Lungs, Thorax, or Respiration: Other changes.
- National Technical Information Service, Vol/p/yr: OTS0534799,

Standard Draize Test, Eyes, Species: Rabbit, 100.0 UL, 24 H, Mild.
Result:
Brain and Coverings: Changes in surface EEG.
Blood: Changes in serum composition (e.g.
Related to Chronic Data - changes in testicular weight.
- National Technical Information Service, Vol/p/yr: OTS0534779,

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
65996-99-8	Terpenes and Terpenoids, turpentine-oil, limonene fraction	n.a.	n.a.	n.a.	n.a.
3030-30-6	Mineral spirits	n.a.	n.a.	n.a.	n.a.
64742-95-6	Petroleum Hydrocarbons	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This product has not been tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: No data available.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Turpentine substitute
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1300 **Packing Group:** III



Additional Transport Information: The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
65996-99-8	Terpenes and Terpenoids, turpentine-oil, limonene fraction	No	No	No
3030-30-6	Mineral spirits	No	No	No
64742-95-6	Petroleum Hydrocarbons	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:
 Yes No Acute (immediate) Health Hazard
 Yes No Chronic (delayed) Health Hazard
 Yes No Fire Hazard
 Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
65996-99-8	Terpenes and Terpenoids, turpentine-oil, limonene fraction	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
3030-30-6	Mineral spirits	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No
64742-95-6	Petroleum Hydrocarbons	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. OTHER INFORMATION

Revision Date: 05/09/2015
Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: No data available.

Company Policy or Disclaimer: 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

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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.