SAFETY DATA SHEET

Klean Strip Pure Gum Spirits Turpentine, Turpatine

Revision: 06/10/2021
Supersedes Revision: 10/18/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Klean Strip Pure Gum Spirits Turpentine, 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: Paint, stain, and varnish thinning.

Product Code: QGT69, GGT69, QGT694, CGT69

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 3
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1A
Aspiration Toxicity, Category 1
Acute Toxicity: Oral, Category 4
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases:
Flammable liquid and vapor.
Harmful if swallowed.
May be fatal if swallowed and enters airways.
Harmful in contact with skin.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.

GHS Precautionary Phrases:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep cool.

GHS Response Phrases:
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment see label.
Specific measures see label.
Rinse mouth.
Do NOT induce vomiting.
If skin irritation occurs, get medical advice/attention.
If skin irritation or rash occurs, seek medical advice/attention.
If eye irritation persists, get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.
In case of fire, use dry chemical powder to extinguish.

GHS Storage and Disposal Phrases:
Store container tightly closed in well-ventilated place.
Store locked up.
Dispose of contents/container according to local, state and federal regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

INHALATION ACUTE EXPOSURE EFFECTS:
May cause dizziness, headache, watering of the eyes, irritation of the respiratory tract, nausea, depression of the central nervous system, and serious irritation to the kidneys. Severe overexposure may cause unconsciousness.

SKIN CONTACT ACUTE EXPOSURE EFFECTS:
This material is a skin irritant.

EYE CONTACT ACUTE EXPOSURE EFFECTS:
This material is a severe eye irritant.

INGESTION ACUTE EXPOSURE EFFECTS:
Harmful or fatal if swallowed. May cause nausea, vomiting, gastrointestinal irritation, and diarrhea.

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, nausea, skin irritation, headache, dizziness, some loss of memory, heart palpitations, and kidney damage, central nervous system damage, mental confusion, convulsions, coma, and death.

Medical Conditions Generally Aggravated By Exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7785-26-4	(1S)-(-)-.alpha.-Pinene {Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (1S)-}	60.0 -80.0 %
8006-64-2	Turpentine {Gumspirits}	15.0 -40.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

INHALATION:
If user experiences breathing difficulty, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SKIN CONTACT:
Wash with soap and water. If irritation persists, get medical attention.

EYE CONTACT:
Flush eyes with water for at least 15 minutes. Get immediate medical attention.

INGESTION:
Do not induce vomiting. Immediately call your poison control center, hospital emergency room, or physician immediately for instructions. Drink large quantities of water to dilute substance. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure: See Potential Health Effects.

5. FIRE FIGHTING MEASURES

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Flash Pt: 95.00 F Method Used: Closed Cup

Explosive Limits: LEL: No data. 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: Danger! Flammable! Keep away from heat, sparks, flame, and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other sources.

Material floats on water.

Excessive temperatures and/or contact with air may cause decomposition or oxidation.

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut of 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.

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 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 #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
8006-64-2	Turpentine {Gumspirits}	ACGIH TLV	TLV: 20 ppm	
		OSHA PELs	PEL: 100 ppm	

Respiratory Equipment (Specify Type): For occasional consumer use - Use with adequate ventilation to prevent a build-up of vapors in confined areas. Open windows or position fans to provide cross ventilation. If a mild to strong odor is noticeable, ventilation is not adequate.

For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLVs.

For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirators. A dust 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.

Other Protective Clothing: Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.): Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain 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 and move to fresh air.

Work/Hygienic/Maintenance Practices: Wash hands thoroughly after use and before eating, drinking, or smoking.

Clothing that becomes soiled with product should be removed as soon as possible and laundered separately.

A source of clean water should be available in the work area for flushing of eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Colorless. Typical pine terpene. Odor threshold not determined.
pH:	N.D.
Melting Point:	No data.
Boiling Point:	315.00 F - 350.00 F
Flash Pt:	95.00 F Method Used: Closed Cup
Evaporation Rate:	N.D.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	4 MM HG at 20.0 C
Vapor Density (vs. Air = 1):	> 1
Specific Gravity (Water = 1):	0.865 at 25.0 C
Solubility in Water:	Negligible
Solubility Notes:	
Octanol/Water Partition Coefficient:	ND
Percent Volatile:	100.0 %
Autoignition Pt:	No data.
Decomposition Temperature:	No data.
Viscosity:	N.D.
Additional Physical Information	ND = Not Determined.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicological Information: See animal test results below. Refer to section 2 for acute and chronic effects.
CAS# 8006-64-2:
Acute toxicity, LC50, Inhalation, Rat, 12.00 GM/M3, 6 H.
Result:
Behavioral: Convulsions or effect on seizure threshold.
Lungs, Thorax, or Respiration:Dyspnea.
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 10,8, 1967

Standard Draize Test, Skin, Species: Rabbit, 500.0 UL, Severe.
Result:
Behavioral: Hallucinations, distorted perceptions.
Behavioral: Change in motor activity (specific assay).
Behavioral: Changes in psychophysiological tests.
- National Technical Information Service, Vol/p/yr: OTS0545856,

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7785-26-4	(1S)-(-)-.alpha.-Pinene {Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (1S)-}	n.a.	n.a.	n.a.	n.a.
8006-64-2	Turpentine {Gumspirits}	n.a.	n.a.	A4	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: Related chemicals are known to be biodegradable and non-accumulating in the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Turpentine
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1299 **Packing Group:** III



Additional Transport Information: The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR 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)
7785-26-4	(1S)-(-)-.alpha.-Pinene {Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (1S)-}	No	No	No
8006-64-2	Turpentine {Gumspirits}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7785-26-4	(1S)-(-)-.alpha.-Pinene {Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (1S)-}	TSCA: Inventory
8006-64-2	Turpentine {Gumspirits}	TSCA: Inventory

16. OTHER INFORMATION

Revision Date: 06/10/2021 **Previous revision:** 10/18/2018

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: 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.

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 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.