



Humco Holding Group, Inc.  
7400 Alumax Dr  
Texarkana TX 75501 USA  
800-662-3435  
cs@humco.com  
www.humco.com

24-Hour Emergency Number (CHEMTREC)  
USA- 800-424-9300

All non-emergency calls should be directed to  
Customer Service at 800-662-3435

**NAME: TURPENTINE GUM SPIRITS**

**SDS NO. 2943**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name: Turpentine Gum Spirits**

**Synonyms:** Brazilian Gum Turpentine –NT (Northern Tropical), Turpentine Gum

**Recommended Use:** Solvent for removing paints and waxes

**Manufacturer by: Humco Holding Group, Inc.**

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### 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	
<b>Classification:</b>	Flammable liquid and vapor
<b>Signal Word:</b>	DANGER, Flammable
<b>Hazard Statements:</b>	Highly flammable liquid and vapor. Very harmful/fatal if swallowed. Toxic if inhaled. Harmful in skin contact. Causes serious irritation in eyes.

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
A-PINENE	80-56-8
B-PINENE	127-91-3
OTHER TERPENES	N/A

The exact percentage has been withheld as a trade secret

#### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
<b>Inhalation</b>	Exposure to high vapors concentrations may cause dizziness, headache, irritation to the respiratory tract and watering in the eyes. Serious irritation to the kidneys. Overexposure may cause unconsciousness.	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Ingestion</b>	Harmful or fatal if swallowed. Ingestion may cause vomiting, Nausea, diarrhea, drowsiness, faintness and headache, hallucinations.	Do NOT induce vomiting unless directed to so by medical personnel. Never give anything by mouth to an unconscious person. Call poison control center. Get medical attention immediately.
<b>Skin</b>	Skin irritation	If irritation occurs, wash with disinfectant soap and water. Get medical attention.
<b>Eyes</b>	This material causes serious eye irritation.	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point:</b>	95°F (35 °C)
<b>Auto Ignition:</b>	476 °F
<b>Extinguishing Media:</b>	Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.
<b>Products of Combustion:</b>	May explode when heated. Upon combustion, this product emits carbon oxides (CO & CO <sub>2</sub> ) and other toxic vapors and gases.
<b>Fire Fighting Equipment and Procedures:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep away from heat, sparks,

	flame, and all the ignition sources. Beware of static electricity that may be generated by synthetic clothing and other sources.
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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Read entire label before using and follow all label directions. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate breathing equipment. Beware of vapors accumulating to form explosive concentrations.
<b>Environmental Precautions:</b>	Prevent discharge to open waters and sewage.
<b>Method of Containment:</b>	Contain spill whenever is safe to do so. Absorb with DRY earth, sand or other non-combustible material.
<b>Method for Clean-Up:</b>	Ventilate area of spill or leak. Dike far ahead of spill for later disposal. Pump liquid to salvage tank. Mop-up and containerize in approved chemical waste container. Larger spills should be collected for disposal. Observe governmental regulations before disposal.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor, spray, gas, or mist. Stay away from ignition source. Wear suitable respiratory equipment. Wear proper clothing. Do not consume food, drink or smoke while handling this product.
<b>Storage:</b>	Keep container tightly closed and in a dry, cool, and well ventilated place. Opened containers must be resealed and kept upright to prevent leakage. Keep away from all ignition source (sparks or flame, heaters, electrical equipment, static discharges), and incompatible chemicals. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Handle as per good industrial hygiene and safety practice. Use explosion proof ventilations as required to control vapor concentration. Ensure that eyewash station and safety showers are in adequate location.
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face Protection:</b>	Use appropriate face shield and approved goggles. Contact lens should not be worn while handling the chemicals.

<b>Skin Protection:</b>	Handle with approved impervious clothing and gloves. Flame retardant antistatic protective clothing is recommended to protect from body contact.
<b>Respiratory Protection</b>	For occasional consumer use - Use adequate ventilation to prevent a build-up of vapors in confined areas. Open windows or position fans to provide cross ventilation. If exposure level is exceeded, use NIOSH approved respirator.
<b>General Hygiene Considerations:</b>	Wash hands after use. Eye wash fountains and safety showers are generally required in adequate location for emergency use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Colorless, clear liquid	<b>Upper/Lower Flammability:</b>	Not determined
<b>Odor:</b>	Typical pine terpene	<b>Vapor Pressure (mmHg)</b>	4 mmHg (@20 °C)
<b>Odor Threshold:</b>	Not determined	<b>Vapor Density (air = 1)</b>	4.84
<b>pH:</b>	Not determined	<b>Relative Density (H<sub>2</sub>O=1):</b>	0.812 @ 20 °C
<b>Melting point /Freezing Point:</b>	Not determined	<b>Solubility (in water):</b>	Negligible
<b>Boiling point/range:</b>	302 - 320 °F (155 °C)	<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Flash point</b>	95°F (35 °C)	<b>Auto-ignition temperature</b>	476°F
<b>Evaporation rate (Ether = 1)</b>	<1.0	<b>Decomposition Temperature:</b>	Not determined
<b>Flammability:</b>	Flammable	<b>Viscosity</b>	Not determined

## 10. STABILITY AND RACTIVITY

<b>Reactivity:</b>	Not determined
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous reactions:</b>	Not determined
<b>Conditions to Avoid:</b>	Heat, sparks, open flame, extreme temperature, direct sunlight
<b>Incompatible materials:</b>	Strong oxidizing agents, strong bases, and strong acids.

<b>Hazardous Decomposition Products:</b>	Carbon Oxides (CO, CO <sub>2</sub> ) and other toxic vapors or gases.
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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	<b>A &amp; B Pinene:</b> Acute Oral (rat) LD50 = 3700 mg/kg to >5000 mg/kg <b>Alpha Pinene:</b> Acute Dermal (rabbit) LD50 = >5000 mg/kg <b>Turpentine:</b> Oral (human) LDLO = 500 mg/kg; Inhalation (human) LCL0 = 175 ppm (irritant effects). Possibility of Teratogenic Effects exists for pregnant women (AIHA Journal, 1976, 426-26)
<b>Skin irritation:</b>	Skin Irritant
<b>Eye contact damage:</b>	Cause serious damage
<b>Respiratory damage:</b>	damage in respiratory system
<b>Ingestion overdose:</b>	Hallucination, distorted perceptions. May be fatal. Target organs damage.
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	Not determined
<b>LD50</b>	Not determined
<b>Symptoms associated with exposure:</b>	Irritation, lungs, Thorax, or respiration: Respiratory depression, hallucinations, distorted perception, change in motor activity etc.
<b>Carcinogenicity:</b>	
<b>OSHA:</b>	None
<b>NTP:</b>	Not determined
<b>IARC:</b>	Not determined

## 12. ECOLOGICAL INFORMATION

<b>Acute or chronic aquatic toxicity:</b>	Not determined
<b>Chemical degradation:</b>	Not determined.
<b>Biodegradation:</b>	Related chemicals are known to be biodegradable and non-accumulating in the environment.
<b>Bioaccumulation potential</b>	Not determined.
<b>Adsorption studies or leaching studies:</b>	Not determined.
<b>Other adverse effects</b>	Not determined.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

#### 14. TRANSPORT INFORMATION

<b>DOT Hazard Classification:</b>	Class 3: Flammable Liquid
<b>UN number:</b>	UN 1299
<b>UN proper shipping name:</b>	UN1299, Turpentine, 3, PGIII, LTD. QTY
<b>Transport hazard class(es):</b>	3
<b>Packing group number:</b>	PG III
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions:</b>	Keep away from heat, sparks, and ignition sources.

#### 15. REGULATORY INFORMATION

Not determined

#### 16. OTHER INFORMATION

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