

SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

Manufacturers Address:

1557 Marietta Road
Atlanta, Georgia 30318

Emergency Phone CHEMTREC: (800) 424-9300

General Information: (404) 355-8220

Synonyms: Aromatic Hydrocarbon

Product Description: Solvent

SECTION 2- HAZARDS IDENTIFICATION

GHS Classification:

[Health]

Acute toxicity, Oral Category 4
Skin irritation Category 3
Eye irritation Category 2B
Aspiration hazard Category 1

[Environmental]

Acute aquatic toxicity Category 3

[Physical]

Flammable Liquid Category 1

GHS Label elements, including precautionary statements



Pictograms

Signal Word: Danger

Hazard Statements

H304: May be fatal if swallowed and enters airways.

May be harmful if swallowed.

H226: Extremely flammable liquid and vapor.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

Causes skin irritation.

H351: Suspected of causing cancer.

Precautionary Statements

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, and lighting equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing mist / vapors.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Do not eat, drink or smoke when using this product.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash skin thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If Eye irritation persists: Get medical attention.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313: IF exposed or concerned: Get medical advice/ attention.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P331: Do NOT induce vomiting.
P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P370 + P378: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish.
P403 + P235: Store in a well-ventilated place. Keep cool. Keep container tightly closed. P405: Store locked up.
P501: Dispose of contents and container in accordance with local regulations.

SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Solvent Naphtha, Light Aromatic	67472-95-6	100

Hazardous Constituents Contained in Complex Substances Required for Disclosure

Cumene	98-82-8	<1.1
Pseudocumene	95-63-6	<32
Xylenes	1330-20-7	<2.2

SECTION 4 · FIRST AID MEASURES

Eyes: Flush with large amounts of cool running water for at least 15 minutes with eyelids forced open. Seek immediate medical attention.
Skin: Remove contaminated clothing. Wash exposed skin with soap and water. Seek immediate medical attention.
Inhalation: For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.
Ingestion: DO NOT induce vomiting. Danger of aspiration of vomit into the lungs can cause serious damage and chemical pneumonitis. Seek immediate medical attention.

SECTION 5 · FIRE FIGHTING MEASURES

Extinguishing Media: To extinguish flames use water spray, dry chemical, carbon dioxide or fire fighting foam. .
Fire Fighting Procedures: Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.
Fire and Explosion Hazards: Containers can rupture and explode under fire conditions due to pressure and vapor buildup. Heated vapors may form explosive mixture with air. Vapors may travel across the ground and reach an ignition source.

SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Eliminate sources of ignition. For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered. Solvent soaked materials may spontaneously combust. For larger spills, dike spill, recover free liquid, collect with an electrically protected vacuum cleaner or by wet-brushing, and use absorbent material to dry area and then Rinse area with water. Put all material into appropriate waste containers. Avoid contaminating ground and surface water.

SECTION 7 · STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Avoid contact with product. Do not breath vapors. Always store in tightly sealed, and properly labeled original container. Store in a cool, dry well ventilated area, away from acute fire hazards. Use non-sparking tools. Bond and ground all equipment to prevent static discharge during transfer.
Other Precautions: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

Exposure Limits:	Solvent Naphtha, Light Aromatic	100 ppm ACGIH	100 ppm OSHA
	Cumene	50 ppm ACGIH	50 ppm OSHA
	Pseudocumene	25 ppm ACGIH	No OSHA data
	Xylene	100 ppm ACGIH	150 ppm OSHA

Personal Protective Equipment (PPE):

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

Clothing: Selection of protective clothing depends on work conditions.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Other Equipment: Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and drenching shower in close proximity to use are advised.

SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 115 °F

Autoignition Temperature: 905 °F

Boiling Point: 322-340 °F

Melting Point: No available data

Vapor Pressure: 2 mmHg

Vapor Density (Air-1): 4.2

Odor/Appearance: Colorless liquid with slight aromatic odor.

Flammability Limits: Lower 0.9 Upper 6.2

Specific Gravity: 0.87 - 0.89

Volatile %: No available data

Evaporation Rate (BuAc=1): 0.27

pH: Not applicable

Solubility in Water: Negligible

SECTION 10 · STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.

Conditions to Avoid: Keep away from heat, flame and other potential ignition sources.

Materials to Avoid: Strong acids, and oxidizers.

Decomposition Products: When combusted, oxides of carbon and various hydrocarbons.

SECTION 11 · TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Contact can cause redness, irritation and drying. Severity depends on the amount and duration of exposure.

Eyes: Vapors may be irritating to the eyes. Liquid contact will cause stinging and tearing.

Inhalation: Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

Ingestion: If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

Acute oral toxicity:

Solvent Naphtha, Light Aromatic: LD50 >3000 mg/kg

Acute inhalation toxicity:

Solvent Naphtha, Light Aromatic: No available data

Acute dermal toxicity:

Solvent Naphtha, Light Aromatic: LD50 >3160 mg/kg

SECTION 12 · ECOLOGICAL INFORMATION

ECOTOXICITY: Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Bio-accumulative potential: Bioaccumulation of this product is unlikely. This product is readily biodegradable.

Mobility: This product is moderately mobile in soil and likely to volatilize from soil surface.

SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 · TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: Petroleum distillates, n.o.s.

Hazard Class: 3, Combustible

UN Number: 1268

Packaging Group: III

SECTION 15 · REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies. The reportable quantity (RQ) for this material estimated at 4545 pounds.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Delayed Health Hazard, Fire Hazard.

SARA Section 313 (40 CFR 372) Hazard Categories: This product contains the following toxic chemical(s) subject to reporting requirements:

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA

Clean Air Act: None of the chemicals in this product are listed as Hazardous Substances under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

MSDS Revision Date: March 2015

NFPA Ratings: **HEALTH: 1** **FLAMMABILITY: 2** **REACTIVITY: 0**

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