



**Section 1-General Information**

**Product Name:** *Hisol Plus (High Flash Cleaner)*

**Chemical Family:** *NA*

**Formula:** *Proprietary*

**MSDS Effective Date:** *5/1/10*

**Manufacturer's Name & Address:** *Astec Corporation, 7750-650 Zionsville Road, Indianapolis, Indiana 46268*

**Manufacturer's Tele. No.:** *317-872-7550*

**Chemtrec's Tele. No.:** *800-424-9300 (Only for spill, leak, fire or accident.)*

**Section 2-Components**

Ingredients	CAS#	%	ACGIH TLV
<i>Mixture of terpene &amp; synthetic hydrocarbons</i>	<i>NA</i>	<i>75-95</i>	<i>NE</i>
<i>Proprietary surfactant</i>	<i>NA</i>	<i>5-25</i>	<i>NE</i>

**Section 3-Physical Data**

**Boiling Point:** *Appr. 310 °F*      **Vapor Pressure:** *NE*      **Vapor Density (Air=1):** *>1*      **Evaporation Rate (BuAc=):** *<1*  
**Solubility In Water:** *Emulsifies*      **Specific Gravity:** *.87*      **Percent Volatile:** *Appr. 90*      **pH:** *Appr. 6.5*  
**Appearance and Odor:** *Clear, light amber colored liquid with citrus odor.*

**Section 4-Fire And Explosion Hazard Data**

**Flash Point:** *143 °F (tcc)*      **Flammable Limits:** *Low-.7%,High- 6%*      **Extinguish Media:** *Water fog,dry chemical, foam,carbon dioxide.*  
**Special Fire Fighting Procedure:** *Self-contained positive pressure breathing apparatus and protective clothing.*  
**Unusual Fire and Explosion Hazards:** *Combustible. Keep away from heat, sparks, open flames and sources of auto-ignition.*

**Section 5-Reactivity Data**

**Stability:** *Stable*      **Stability Conditions to Avoid:** *NA*      **Incompatibility (Materials to Avoid):** *Strong oxidizers.*  
**Hazardous Decomposition Products:** *None Known.*      **Hazardous Polymerization:** *Will not occur.*

**Section 6-Health Hazard Data**

**Threshold Limit Value:** *NE*      **OSHA Threshold Limit Value:** *NA*      **ACGIH Threshold Limit Value:** *NE*  
**Carcinogen Under NTP Program:** *No*      **Carcinogen Under IARC Program:** *No*      **Signs and Symptoms of Exposure:**  
**Eye Contact:** *Moderate irritation or burning.*      **Skin Contact:** *Possible irritation.*      **Inhalation:** *Possible irritation to nasal passages.*  
**Chronic Effects of Overexposure:** *None known.*      **Medical Conditions Aggravated by Exposure:** *None known.*  
**Emergency First Aid:**  
**Eye Contact:** *Immediately irrigate eyes with cool flowing water for 15 minutes while blinking eyelids. Get medical attention.*  
**Skin:** *Remove contaminated clothing. Wash contact area with mild soap and water. Rinse thoroughly.*  
**Inhalation:** *Remove victim to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.*  
**Ingestion:** *Do not induce vomiting. For a conscious victim, drink one or two cups of milk or water. Never give anything to an unconscious person. Get medical attention immediately.*

**Section 7-Spill or Leak Procedures**

**Spill Response:** *Wear all protective equipment set forth in Section 8. Provide ventilation. Contain spill. Absorb on inert material or salvage material. Rinse residue with plenty of water.*  
**Waste Disposal Method:** *Neutralization may be required. Follow all federal, state and local regulations.*

**Section 8-Special Protection Information**

**Eye Protection:** *Safety glasses or goggles.*      **Skin Protection:** *Impervious gloves and protective clothing.*  
**Respiratory Protection:** *If vapor concentration becomes high, use NIOSH/MSHA approved respiratory protection.*  
**Ventilation:** *Mechanical ventilation if vapor concentration becomes high.*      **Other Protection:** *Eyewash stations and safety showers.*

**Section 9-Special Precautions**

**Storage and Handling:** *KEEP OUT OF REACH OF CHILDREN. Follow directions on label. Keep containers closed and upright. Store in dry area between temperatures of 40-90 °F. Dispose of empty container in accordance with legal regulations.*

**Section 10-Regulatory Information**

**EPA (TSCA):** *All ingredients are on the TSCA inventory.*      **EPA (SARA):** *NA*  
**DOT (Dept. of Transportation) Shipping Name:** *NA* in 55 gallon drums.      **DOT Hazard Class:** *NA*  
**Hazardous Material Identification System:** *Health 1, Flammability 2, Reactivity 0, Personal Protection B*

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Note: NA=Not Applicable    NE=Not Established    Appr.=Approximately

