

## Material Safety Data Sheet

### Section 1-General Information

**Product Name:** *Excel Clean HD (Citrus Cleaner)*

**Chemical Family:** *NA*

**Formula:** *Proprietary*

**MSDS Effective Date:** *2/10/05*

**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>Citrus terpenes</i>	<i>5989-27-5</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:** *310 °F*

**Vapor Pressure:** *NE*

**Vapor Density (Air=1):** *>1*

**Evaporation Rate (BuAc=):** *<1*

**Solubility In Water:** *Emulsifies*

**Specific Gravity:** *.85*

**Percent Volatile:** *Appr. 90*

**pH:** *Appr. 8.5*

**Appearance and Odor:** *Clear, light amber colored liquid with citrus odor.*

### Section 4-Fire And Explosion Hazard Data

**Flash Point:** *125 °F* **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

