

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*

Astec Corporation (Astec) expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose with respect to the product or information provided herein. All information herein was obtained from sources we feel are reliable. While the information is believed to be accurate, Astec makes no representations as to its accuracy or completeness. Conditions of use are beyond our control and as such, the users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their purposes. The users assume all risks associated with the use of, handling of, and disposal of the product.

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

