

Section 1-General Information
Product Name: *Powersolv (Cleaner & Degreaser)*
Chemical Family: *NA*
Formula: *Proprietary*
MSDS Effective Date: *2/23/05*
Manufacturer's Name & Address: *Astec Corporation, 7750-650 Zionsville Road, Indianapolis, Indiana 46268*
Manufacturer's Tele. No.: *317-872-7550*
Chemtree's Tele. No.: *800-424-9300 (Only for spill, leak, fire or accident.)*
Section 2-Components

Ingredients	CAS#	%	ACGIH TLV
<i>Aliphatic hydrocarbon mixture</i>	<i>64742-88-7</i>	<i>80-90</i>	<i>100 ppm</i>
<i>Citrus terpenes</i>	<i>5989-27-5</i>	<i>10-20</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: *None*
Specific Gravity: *.78*
Percent Volatile: *Appr. 100*
pH: *Appr. 7.0*
Appearance and Odor: *Clear, water white colored liquid with slight citrus odor.*
Section 4-Fire And Explosion Hazard Data
Flash Point: *115 °F* **Flammable Limits:** *Low-.6%,High- 7%* **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: *Skin defatting. Inhalation-central nervous system depression evidenced by dizziness,headaches, and nausea. Excessive ingestion may be fatal. 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 Trans.) Shipping Name:** *NA* **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