



Section 1-Chemical Product and Company Identification

Product Names: *Powersolv*

Product Use: *Extraction Solvent, Degreaser*

Synonyms: *NA -Mixture*

Formula: *Proprietary*

SDS Effective Date: *4/9/15*

Manufacturer's Name & Address: *Astec Corp., 7750-650 Zionsville Rd., Indianapolis, IN 46268*

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

Emergency Response: Chemtrec's Tele. No.: *800-424-9300*

Section 2-Hazard Identification

Causes sever eye irritation. May cause mild skin irritation. Harmful or fatal if swallowed. Do not get in eyes, on skin or clothing. Wear personal protective equipment as required.

Hazard Pictogram:



Signal Word: *Danger*

Hazard Statements: *Flammable liquid and Vapor. May be fatal if swallowed and enters airways. Causes severe eye irritation. May cause mild skin irritation.*

Precautionary Statements:

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wash hands and other exposed areas after use.

Wear protective personal equipment as required.

Section 3-Composition/Information on Ingredients

Ingredients	CAS#	%	ACGIH TLV
Aliphatic hydrocarbon mixture	64742-88-7	80-90	100 ppm
Citrus terpenes	5989-27-5	5-20	NE

Section 4-First Aid Measures

Eye Contact: *Immediately irrigate eyes with cool flowing water for 15 minutes while blinking eyelids. Remove contact lenses if present and easy to do without injury to the eye and continue rinsing. If irritation persists, 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.*

Notes to Physician: *No specific antidote. Treatment based on sound judgment of physician and individual reactions of the patient.*

Acute Symptoms of Single Overexposure:

Eyes: *Can cause severe eye irritation.*

Skin: *May cause skin irritation.*

Inhalation: *Can cause irritation if misted.*

Ingestion: *May be fatal if swallowed and enters airways Harmful if swallowed. Can cause burning in throat and stomach.*



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Chronic Symptoms of Single Overexposure:

Eyes: *Can cause severe eye irritation.*

Skin: *May cause skin irritation.*

Inhalation: *May cause irritation if misted.*

Ingestion *May be fatal if swallowed and enters airways: Harmful if swallowed. Can cause burning in throat and stomach.*

Section 5-Fire Fighting Measures

Extinguishing Media: *Foam, dry powder, carbon dioxide, water spray or sand.*

Special Hazards: *Do not use heavy water stream.*

Fire hazard: *Flammable liquid and vapor.*

Explosion hazard: *May form flammable/explosive vapor-air mixture.*

Reactivity: *None known.*

Advise for Firefighters: *Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear.*

Section 6-Accidental Release Measures

Emergency Procedures: *Evacuate unnecessary personnel.*

Personal Precautions: *Ventilate area.*

Protective Equipment: *Safety glasses, chemical resistant gloves, Niosh approved respirator.*

Environmental Precautions: *Prevent entry to sewers and public waters. Dike if needed. Neutralization may be needed.*

Procedure for Clean Up: *Eliminate all ignition sources. Ventilate area. Absorb with inert dry material and place in an appropriate waste disposal container.*

Section 7-Handling and Storage

Handling: *Do not ingest. Avoid prolonged contact with skin or eyes. KEEP OUT OF REACH OF CHILDREN. Follow directions on label.*

Storage: *Keep containers closed and upright. Store in dry area between temperatures of -15 to 0 °C (40-90 °F). Dispose of empty container in accordance with legal regulations.*

Incompatible Materials: *Sources of ignition. Heat sources.*

Section 8-Exposure Controls/Personal Protection

Engineering Controls: *Mechanical ventilation if vapor concentration becomes high.*

Respiratory Protection: *If vapor concentration becomes high, use NIOSH/MSHA approved respiratory protection.*

Eye Protection: *Chemical goggles or face shield*

Skin Protection: *Impervious gloves and protective clothing.*

Other Protection: *Eyewash stations and safety showers.*

Section 9-Physical and Chemical Properties

Appearance and Odor: *Clear, water-white liquid with solvent odor.*

Odor Threshold: *NE*

Flash Point: *115 Deg F* **Flammable Limits:** *Low-.6%, High -7%*

Auto Ignition Temperature: *NE*

Boiling Point: *310 °F* **Vapor Pressure:** *NE*

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

Evaporation Rate (BuAc=): *<1*

Solubility In Water: *Not miscible.*

Specific Gravity: *.78*

Percent Volatile: *Appr. 100*

pH: *Appr. 7.0 as is*

VOCs (Lbs./Gl.): *No data available.*

Section 10-Stability and Reactivity

Reactivity: *None known.*

Chemical Stability: *Stable*

Hazardous Polymerization: *Will not occur.*

Stability Conditions to Avoid: *Incompatible materials.*

Incompatible Materials to Avoid: *Strong oxidizers.*

Hazardous Decomposition Products: *Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.*

Additional Information: *None.*



Section 11-Toxicological Information

Routes of Exposure: *Eyes. Skin, Inhalation (Mist), Ingestion.*

Acute Symptoms of Single Overexposure:

Eyes: *Can cause severe eye irritation.*

Skin: *May cause skin irritation.*

Inhalation: *Can cause irritation if misted.*

Ingestion: *May be fatal if swallowed and enters airways Harmful if swallowed. Can cause burning in throat and stomach.*

Chronic Symptoms of Single Overexposure:

Eyes: *Can cause severe eye irritation.*

Skin: *May cause skin irritation.*

Inhalation: *May cause irritation if misted.*

Ingestion May be fatal if swallowed and enters airways: *Harmful if swallowed. Can cause burning in throat and stomach.*

Threshold Limit Value: *NE*

OSHA Threshold Limit Value: *NE*

ACGIH Threshold Limit Value: *200 ppm*

Carcinogen Under NTP Program: *NE*

Carcinogen Under IARC Program: *NE*

Teratogenicity, Mutagenicity, Reproductive Effects: *No data available.*

Ecotoxicity-Fish Species Data: *No data available.*

Section 12-Ecological Information

Persistence and Degradability: *Not readable biodegradable.*

Bioaccumulative Potential: *No Data Available.*

Mobility in Soil: *No Data Available*

Other Adverse Effects: *No Data Available*

Section 13-Disposal Considerations

Disposal of Waste Method: *Must be in accordance with state, municipal, provincial and federal regulations.*

Contaminated Packaging: *Empty container should be recycled or disposed through an approved waste management facility.*

Section 14-Transportation Information

USDOT (Dept. of Transportation) Shipping Name: *Not regulated in 55-gallon drum packages or less.*

USDOT Hazard Class: *NA*

TDG (Canada): *Not regulated when shipped in containers of less than 450L.*

Section 15-Regulatory Information

Canadian DSL Inventory Status: *All ingredients listed.*

USEPA (TSCA): *All ingredients are on the TSCA inventory.*

USEPA (SARA): *NA*

WHMIS Hazardous Class: *NA*

Section 16-Other Information

SDS Legend: NA=Not Applicable NE=Not Established Appr.=Approximately

Hazardous Material Identification System (HMIS) Rating:

Health: 1

Flammability: 2

Reactivity: 0

Personal Protection: B

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Safety Data Sheet