



Material Safety Data Sheet

Section 1-General Information

Product Name: *Astec Wash & Wax A (Acid Cleaner & Brightener)*

Chemical Family: *NA*

Formula: *Proprietary*

MSDS Effective Date: *6/17/03*

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>Proprietary organic salt & detergent blend</i>	<i>NA</i>		<i>NA</i>

Section 3-Physical Data

Boiling Point: *> 212° F* **Vapor Pressure:** *NE* **Vapor Density (Air=1):** *>1* **Evaporation Rate (BuAc=):** *<1*
Solubility In Water: *Complete* **Specific Gravity:** *1.19* **Percent Volatile:** *Appr. 40* **pH:** *<2.0*
Appearance and Odor: *Clear, green colored liquid with mild odor.*

Section 4-Fire And Explosion Hazard Data

Flash Point: *NA* **Flammable Limits:** *NA* **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: *NA*

Section 5-Reactivity Data

Stability: *Stable* **Stability Conditions to Avoid:** *NA* **Incompatibility (Materials to Avoid):** *Strong alkalis.*
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:** *Moderate irritation.* **Inhalation:** *Possible irritation to nasal passages.*
Chronic Effects of Overexposure: *NE* **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*

DOT Hazard Class: *NA*

Hazardous Material Identification System: *Health 1, Flammability 0, Reactivity 0, Personal Protection B*

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