SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pull-Out Premium™
OTHER MEANS OF IDENTIFICATION: Not applicable.
GENERAL USE: For professional drycleaning use only.
PRODUCT DESCRIPTION: Aerosol Stain Removal Agent

MANUFACTURER
Adco Professional Products LLC
1706 Ledo Rd.
Albany, GA 31707
Product Information: 800-821-7556 (USA & Canada only)

24 HR. EMERGENCY TELEPHONE NUMBERS
Medical Emergency: 866-303-6947 (USA & Canada only) or 651-632-9272
Transportation Emergency: 800-424-9300 (USA & Canada only) or 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
Flammable Aerosols: Category 1
Acute Toxicity – Oral: Category 5
Acute Toxicity – Dermal: Category 5
Skin Corrosion/Irritation: Category 2
Eye Damage/Irritation: Category 2A
Specific Target Organ Toxicity (STOT-SE) Narcotic Effects: Category 3

GHS LABEL ELEMENTS

Symbol(s):

Signal Word: Danger

Hazard Statements:
H222 – Extremely flammable aerosol.
H229 – Pressurized container: may burst if heated.
H303 – May be harmful if swallowed.
H313 – May be harmful in contact with skin.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H336 – May cause drowsiness or dizziness.

Precautionary Statements:
P101 – If medical advice is needed, have product container or label at hand.
P102 – Keep out of reach of children.
P103 – Read label before use.
P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 – Do not spray on an open flame or other ignition source.
P233 – Keep container tightly closed.
P251 – Pressurized container: Do not pierce or burn, even after use.
P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 – Wash skin thoroughly after handling.
P271 – Use only outdoors or in a well-ventilated area.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 – IF ON SKIN: Wash with plenty of water.
P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
P321 – Specific treatment – See First Aid section of Safety Data Sheet.
P332+P313 – If skin irritation occurs: Get medical advice/attention.
P337+P313 – If eye irritation persists: Get medical advice/attention.
P362+P364 – Take off contaminated clothing and wash before reuse.
P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403+P405 – Store in a well-ventilated place. Store locked up.
P501 – Dispose of contents/ container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with local/regional/national/international regulations.

**Other Hazards:** Not available.

**Unknown Acute Toxicity:** Not applicable.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate</td>
<td>48 - 79</td>
<td>79-20-9</td>
</tr>
<tr>
<td>Acetone</td>
<td>8 - 18</td>
<td>67-64-1</td>
</tr>
<tr>
<td>Petroleum gases, liquefied, sweetened</td>
<td>6 - 12</td>
<td>68476-86-8</td>
</tr>
<tr>
<td>Silica, precipitated</td>
<td>3 - 6</td>
<td>112926-00-8</td>
</tr>
</tbody>
</table>

**COMMENTS:** None

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Remove contaminated clothing and wash before reuse. If skin irritation persists, call a physician immediately.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician. If vomiting occurs, keep head low to avoid getting into the lungs.

**INHALATION:** Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Causes serious irritation. Symptoms may include stinging, tearing, redness, swelling, blurred vision.

**SKIN:** Causes skin irritation.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** Not a normal route of exposure.

**INHALATION:** Dizziness, nausea, upper respiratory irritation, drowsiness, difficulty in breathing.
ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** FLAMMABLE per Flame Projection Test

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, foam, water spray or fog. Sand or earth may be used on small fires only. Do not direct a solid stream of water or foam into hot, burning pools this may results in frothing and increase fire intensity.

**UNSUITABLE EXTINGUISHING MEDIA:** Not available.

**HAZARDOUS COMBUSTION PRODUCTS:** During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.

**OTHER CONSIDERATIONS:** Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water. DO NOT cut, drill, grind, or weld near full, partially full, or empty product containers. Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

**FIRE FIGHTING EQUIPMENT:** Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Wear full firefighting turn-out gear and respiratory protection (SCBA).

6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Soak up spills with chemically inert, absorbent material.

**LARGE SPILL:** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated. Positive pressure, full-facepiece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved). Avoid breathing vapor. Avoid contact with skin, eye or clothing. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Cover spills with inert absorbent and place in closed chemical waste containers.

7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored.

**HANDLING:** Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

**STORAGE:** Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be
carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them. Store at temperatures below 120°F.

**ELECTROSTATIC ACCUMULATION HAZARD:** Keep away from heat, sparks or open flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE GUIDELINES:**

**OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

<table>
<thead>
<tr>
<th>Substance</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Supplier OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ppm</td>
<td>ppm</td>
<td>ppm</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>TWA 200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>STEL NE</td>
<td>250</td>
<td>250</td>
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<tr>
<td>Acetone</td>
<td>TWA 1000</td>
<td>250[2]</td>
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<td>STEL NE</td>
<td>500</td>
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<td>Petroleum gases, liquefied, sweetened</td>
<td>TWA 500</td>
<td>NE</td>
<td></td>
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<td></td>
<td>STEL NE</td>
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<tr>
<td>Silica, precipitated</td>
<td>TWA 80</td>
<td>NE</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>STEL NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

**TABLE FOOTNOTES**

1. NE=Not established.

**ENGINEERING CONTROLS:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses with side shields, or goggles.

**SKIN:** PVC, neoprene, or nitrile gloves.

**RESPIRATORY:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**PROTECTIVE CLOTHING:** Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling. Do not eat or drink in work area.

**OTHER USE PRECAUTIONS:** Have eye wash station available. Do not wear contact lenses without eye protection.
9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Not available.
PHYSICAL STATE: Mixture packaged in pressurized aerosol spray can.
COLOR: Not available.
ODOR: Not available.
ODOR THRESHOLD: Not available.
pH: Not available.
FREEZING POINT: Not available.
INITIAL BOILING POINT: Not available.
FLASHPOINT: Not available.
EVAPORATION RATE: Not available.
FLAMMABILITY (Solid, Gas): Not available.
FLAMMABLE LIMITS: Not available.
VAPOR PRESSURE: Not available.
VAPOR DENSITY: Not available.
RELATIVE DENSITY: 0.88
SOLUBILITY IN WATER: Not available.
PARTITION COEFFICIENT (Log $K_{ow}$): Not available.
AUTOIGNITION TEMPERATURE: Not available.
DECOMPOSITION TEMPERATURE: Not available.
VISCOSITY: Not available.
PERCENT VOLATILE: 10% VOC

10. STABILITY AND REACTIVITY

REACTIVITY: No.
CHEMICAL STABILITY: Product is stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: Keep away from direct sunlight and other sources of ignition. Dropping containers may cause bursting.
INCOMPATIBLE MATERIALS: Strong oxidizers, reducers, acids, and alkalis
HAZARDOUS DECOMPOSITION PRODUCTS: No data available.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Eyes, inhalation, skin.
ACUTE TOXICITY (ATE)
  DERMAL $LD_{50}$: > 2,000 mg/kg (rabbit)
  ORAL $LD_{50}$: > 2,000 mg/kg (rat)
  INHALATION $LC_{50}$: > 20,000 ppm (rat)
CHRONIC TOXICITY
  TARGET ORGANS: May cause drowsiness or dizziness. Overexposure to acetone may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin. Prolonged exposure may cause damage to the central nervous system, lungs, skin and eyes.
  SENSITIZATION: No data available.
CARCINOGENICITY
IARC: Dichloromethane is classified as 2B (Possibly carcinogenic to humans).
NTP: Dichloromethane is on the NTP list of substances reasonably anticipated to be human carcinogens.
OSHA: Dichloromethane is regulated as a potential carcinogen.
OTHER: ACGIH: See section 8.

REPRODUCTIVE EFFECTS: No data available.
MUTAGENICITY: No data available.
SYNERGISTIC MATERIALS: No data available.

POTENTIAL HEALTH EFFECTS
EYES: Eye contact may lead to permanent damage if not treated promptly.
SKIN: Prolonged or repeated contact with this product may dry and/or defat the skin.
SKIN ABSORPTION: This product may be harmful if it is absorbed through the skin.
INGESTION: No data available.
ASPIRATION HAZARD: No data available.
INHALATION: If inhaled, may cause mental depression or narcosis, irregular heartbeats.
MEDICAL CONDITIONS AGGRAVATED: Diseases of the lungs, eyes, and skin.
GENERAL COMMENTS: Refer to Section 3 for additional information on potential health effects.

12. ECOLOGICAL INFORMATION
ECOTOXICITY: No data available.
PERSISTENCE AND DEGRADABILITY: Methyl acetate and acetone are readily biodegradable.
BIOACCUMULATIVE POTENTIAL: Insufficient data available.
MOBILITY IN SOIL: No data available.
OTHER ADVERSE EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS
DISPOSAL METHOD: Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.
EMPTY CONTAINER: Do not puncture or incinerate container.
RCRA/EPA WASTE INFORMATION: Acetone is an ignitable wastes as defined by RCRA.

14. TRANSPORT INFORMATION
DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Aerosols, Flammable
TECHNICAL NAME: Not applicable.
PRIMARY HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950.
PACKING GROUP: Not applicable.
LABEL: Limited Quantity.
OTHER SHIPPING INFORMATION: Not available.
CANADA TRANSPORT OF DANGEROUS GOODS
PROPER SHIPPING NAME: Aerosols, Flammable.
TECHNICAL NAME: Not applicable.
PRIMARY HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: Not applicable.
LABEL: Limited Quantity.
OTHER SHIPPING INFORMATION: Not available.

AIR (ICAO/IATA)
PROPER SHIPPING NAME: Aerosols, Flammable.
PRIMARY HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN1950
PACKING GROUP: Not applicable.
PLACARDS: Consult applicable regulations governing air shipments.
LABEL: Consult applicable regulations governing air shipments.
IATA NOTE: We do NOT recommend this product to be shipped via air. It would need to be repacked by an authorized packing company and the dangerous goods manifest would have to be completed by a licensed hazardous material shipping company.

15. REGULATORY INFORMATION

UNITED STATES
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES:
FIRE: Yes. PRESSURE GENERATING: No. REACTIVITY: No. ACUTE: Yes.
CHRONIC: No.
313 REPORTABLE INGREDIENTS: Not applicable.
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA RQ: Acetone has a RQ of 5,000 lbs
REPORTABLE SPILL QUANTITY: Not applicable.
RCRA STATUS: See section 13.

MEXICO
Regulated for transportation.

STATE REGULATIONS

MASSACHUSETTS
Contains one or more substances regulated by the Massachusetts Substance List.

CALIFORNIA
PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS RATINGS</th>
<th>NFPA RATINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH:</td>
<td>1</td>
</tr>
<tr>
<td>FLAMMABILITY:</td>
<td>2</td>
</tr>
<tr>
<td>REACTIVITY:</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION:</td>
<td>B</td>
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</table>

SDS Revision Date: March 7, 2016