

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Amyl Acetate

**OTHER MEANS OF IDENTIFICATION:** Not applicable.

**GENERAL USE:** For professional drycleaning, wetcleaning, and laundry use only.

**PRODUCT DESCRIPTION:** 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

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## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable Liquids: Category 3

Germ Cell Mutagenicity: Category 1A

Carcinogenicity: Category 1A

### GHS LABEL ELEMENTS

**Symbol(s):**



**Signal Word:** Danger

### Hazard Statements:

H226 – Flammable liquid and vapor.

H340 – May cause genetic defects.

H350 – May cause cancer.

### Precautionary Statements:

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P210 – Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P240 – Ground/bond container and receiving equipment.

P241 – Use explosion-proof electrical/ventilating/lighting equipment.

P242 – Use non-sparking tools.

P243 – Take precautionary measures against static discharge.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 – IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing.  
Rinse SKIN with water/shower.

P308+P313 – IF exposed or concerned: Get medical advice/attention.

P370+P378 – In case of fire: Use water fog or fine spray, foam, carbon dioxide extinguishers, or dry  
chemical extinguishers for extinction.

P403+P233+P235 – Store in a well-ventilated place. Keep container tightly closed. Keep cool.

P501 – Dispose of contents and container to licensed, permitted incinerator, or other thermal destruction device.

**Other Hazards:** Not available.

**Unknown Acute Toxicity:** Not applicable.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>
Pentyl acetate	50-75	628-63-7
2-Methyl butyl acetate	25-50	624-41-9
Benzene	0.1-1.0	71-43-2

**COMMENTS:** None.

## 4. FIRST AID MEASURES

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

**SKIN:** Remove contaminated clothing. Wash with water. Consult a physician if irritation persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

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

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** May cause moderate irritation.

**SKIN:** Causes irritation. Prolonged or repeated contact may cause defatting and drying of skin.

**SKIN ABSORPTION:** No data available.

**INGESTION:** May cause nausea, vomiting, diarrhea, and restlessness.

**INHALATION:** May cause irritation to respiratory tract. At high concentration, may cause headache, weakness, nausea, lightheadedness, dizziness, drowsiness, and stupor.

**ADDITIONAL INFORMATION:** After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NFPA Class II

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, foam, water spray or fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide.

**OTHER CONSIDERATIONS:** Flammable liquid and vapor. Can form explosive mixtures at temperatures at or above the flashpoint. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. Avoid use of solid water streams. Use water with caution. Material will float and may ignite on surface of water. Water may be ineffective in fighting the fire. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

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## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spill with absorbent material and water, if necessary.

**LARGE SPILL:** Contain spill. Eliminate all sources of ignition. Avoid breathing vapor. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13). Do not flush to sewer. Avoid contamination of ground and surface waters.

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## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep away from heat, sparks, and flame.

**HANDLING:** Use only in a well-ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Take precautionary measures against static discharge. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Store in labeled, tightly sealed containers in a cool, well-ventilated area. Containers can build up pressure if exposed to heat (fire).

**ELECTROSTATIC ACCUMULATION HAZARD:** Ground and bond containers when transferring material.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

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

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
Pentyl acetate	TWA	100		50		
	STEL	NE <sup>[1]</sup>		100		
2-Methyl butyl acetate	TWA	NE		NE		
	STEL	NE		NE		

### TABLE FOOTNOTES:

1. NE=Not established.

**ENGINEERING CONTROLS:** Local exhaust may be required to control vapor concentration.

### PERSONAL PROTECTIVE EQUIPMENT

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

**SKIN:** Nitrile or Barrier™ 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:** Not applicable.

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

**OTHER USE PRECAUTIONS:** Have eye wash station available. Do not wear contact lenses without eye protection.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear.

**PHYSICAL STATE:** Liquid.

**COLOR:** Colorless.

**ODOR:** Banana.

**ODOR THRESHOLD:** No data available.

**pH:** Not applicable.

**FREEZING POINT:** No data available.

**INITIAL BOILING POINT:** 146°C (295°F)

**FLASHPOINT:** 38°C (100°F) (TOC)

**EVAPORATION RATE:** No data available.

**FLAMMABILITY (Solid, Gas):** Not applicable, this product is a liquid at room temperature.

**FLAMMABLE LIMITS:** 1.1 to 7.5

**VAPEUR PRESSURE:** 4 mm Hg @ 20°C

**VAPOR DENSITY:** >1 (air=1)

**RELATIVE DENSITY:** 0.875

**SOLUBILITY IN WATER:** 0.2 wt. %

**PARTITION COEFFICIENT (Log K<sub>ow</sub>):** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**DECOMPOSITION TEMPERATURE:** No data available.

**VISCOSITY:** No data available.

**PERCENT VOLATILE:** 100

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## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No.

**CHEMICAL STABILITY:** Stable.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Polymerization will not occur.

**CONDITIONS TO AVOID:** Avoid impact, friction, heat, sparks, flame and source of ignition.

**INCOMPATIBLE MATERIALS:** Strong acids and alkalis, strong oxidizing and reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

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## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE:** Inhalation and skin.

**ACUTE TOXICITY (ATE)**

**DERMAL LD<sub>50</sub>:** > 2,000 mg/kg (rabbit)

**ORAL LD<sub>50</sub>:** > 2,000 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** > 20.0 mg/L

**CHRONIC TOXICITY**

**TARGET ORGANS:** No data available.

**SENSITIZATION:** Allergic reactions are possible with skin contact.

**CARCINOGENICITY**

**IARC:** Not listed as a carcinogen.

**NTP:** Not listed as a carcinogen.

**OSHA:** Not listed as a carcinogen.

**OTHER:** Not listed as a carcinogen.

**OTHER:** No data available.

**REPRODUCTIVE EFFECTS:** No data available.

**MUTAGENICITY:** No data available.

**SYNERGISTIC MATERIALS:** No data available.

**POTENTIAL HEALTH EFFECTS**

**EYES:** No data available.

**SKIN:** Prolonged or repeated contact may cause dermatitis.

**SKIN ABSORPTION:** No data available.

**INGESTION:** No data available.

**ASPIRATION HAZARD:** No data available.

**INHALATION:** High concentrations may cause central nervous system depression.

**MEDICAL CONDITIONS AGGRAVATED:** No data available.

**GENERAL COMMENTS:** Refer to Section 3 for additional information on potential health effects.

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**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** No data available.

**PERSISTENCE AND DEGRADABILITY:** No data available.

**BIOACCUMULATIVE POTENTIAL:** No data available.

**MOBILITY IN SOIL:** No data available.

**OTHER ADVERSE EFFECTS:** No data available.

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**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Recovered liquids may be sent to a licensed reclaimer or incineration facility. Contaminated material must be disposed of in a permitted waste management facility. Consult federal, state and local authorities for approved procedures.

**EMPTY CONTAINER:** Not applicable.

**RCRA/EPA WASTE INFORMATION:** Contains material(s) that are ignitable wastes as defined by RCRA.

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**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Amyl Acetates

**TECHNICAL NAME:** Not applicable.

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1104

**PACKING GROUP:** III

**LABEL:** Cases of 4 one-gallon jugs and individual one-gallon cartons are Limited Quantities. No Flammable Liquid (Class 3) label required when shipped by ground.

**OTHER SHIPPING INFORMATION:** Original product packaging is labeled, marked, and approved for ground shipments only.

**CANADA TRANSPORT OF DANGEROUS GOODS**

**PROPER SHIPPING NAME:** Amyl Acetates

**TECHNICAL NAME:** Not applicable.

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1104

**PACKING GROUP:** III

**LABEL:** Not applicable.

**OTHER SHIPPING INFORMATION:** Original product packaging is labeled, marked, and approved for ground shipments only.

**AIR (ICAO/IATA)**

**PROPER SHIPPING NAME:** Amyl Acetates

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1104

**PACKING GROUP:** III

**PLACARDS:** Consult applicable regulations governing air shipments.

**LABEL:** Consult applicable regulations governing air shipments.

**IATA NOTE:** Original product packaging is not approved for air shipments. Consult applicable regulations for packaging requirements and quantity limitations.

**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:** Yes.

**313 REPORTABLE INGREDIENTS:** Pentyl acetate and benzene are reportable.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA RQ:** 5000 lbs.

**REPORTABLE SPILL QUANTITY:** 685 gals.

**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 may contain a small amount of benzene, which is on the Proposition 65 list of chemicals known to the State of California to cause cancer and reproductive toxicity.

**16. OTHER INFORMATION**

<b>HMIS RATINGS</b>	
HEALTH:	1
FLAMMABILITY:	3
REACTIVITY:	0
PERSONAL PROTECTION:	B

**NFPA RATINGS**

