

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Semi Wet

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: For professional drycleaning use only.

PRODUCT DESCRIPTION: Stain Removal Agent

MANUFACTURER

Adco Professional Products LLC
184 Shuman Boulevard/Suite 150

Naperville, IL 60563

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

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 1

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Danger

Hazard Statements:

H226 – Flammable liquid and vapor.

H315 – Causes skin irritation.

H318 – Causes serious eye damage.

H336 – May cause drowsiness or dizziness.

Precautionary Statements:

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.

P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 – Wash skin thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P271 – Use only outdoors or in a well-ventilated area.

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

P301+P310+P331 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

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

P304+P340+P312 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305+P351+P338+P310 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF IN EYES: Immediately call a POISON CENTER or doctor/physician.

P312 – Call a POISON CENTER/doctor if you feel unwell.

P332+P313 – If skin irritation occurs: Get medical advice/ attention.

P362+P364 – Take off contaminated clothing and wash before reuse.

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identities of one or more components of this product are withheld as a trade secret.

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
Trade Secret #1	-	-
Trade Secret #2	-	-
Trade Secret #3	-	-
Trade Secret #4	-	-
Trade Secret #5	-	-
Trade Secret #6	-	-
Trade Secret #7	-	-
Trade Secret #8	-	-

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.

NOTES TO PHYSICIAN: Only administer adrenaline after careful consideration following overexposure. Increased sensitivity of the heart to adrenaline may be caused by overexposure to this product. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Severe irritation, stinging, tearing, redness, swelling, blurred vision.

SKIN: Pain, burning sensation, redness, swelling, blisters, drying, cracking, rash.

SKIN ABSORPTION: Insufficient data available.

INGESTION: Drowsiness, diarrhea, vomiting, and central nervous system depression. May result in irritation to mouth and gastrointestinal tract,

INHALATION: Central nervous system depressant. Inhalation can cause irritation of the respiratory tract, dizziness, drowsiness, lethargy, nausea, headache, coughing, shortness of breath, loss of coordination and equilibrium.

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: Emits toxic fumes under fire conditions. Hydrogen chloride, phosgene.

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.

6. ACCIDENTAL RELEASE MEASURES

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

LARGE SPILL: Contain spill. Provide plenty of fresh air. 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.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Not applicable.

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.

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/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Trade Secret #1	TWA	NE ^[1]		NE		
	STEL	NE		NE		
Trade Secret #2	TWA	NE		C 25		
	STEL	NE		NE		
Trade Secret #3	TWA	NE		NE		
	STEL	NE		NE		
Trade Secret #4	TWA	50		50 ^[2]		
	STEL	NE		NE		
Trade Secret #5	TWA	50 ^[2]		20 ^[3]		
	STEL	NE		NE		
Trade Secret #6	TWA	NE		NE		
	STEL	NE		NE		
Trade Secret #7	TWA	100		50		
	STEL	NE		100		
Trade Secret #8	TWA	NE		50		
	STEL	NE		100		

TABLE FOOTNOTES

1. NE=Not established.

2. Skin notation.

5. A3: Confirmed animal carcinogen with unknown relevance to humans.

The specific identities of one or more components of this product are withheld as a trade secret.**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:** Neoprene 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: 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 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear.

PHYSICAL STATE: Liquid.

COLOR: Light yellow.

ODOR: Banana.

ODOR THRESHOLD: No data available.

pH: 6.5-7.5 (5% in water)

FREEZING POINT: No data available.

INITIAL BOILING POINT: 87°C (188°F)

FLASHPOINT: >44.5°C (112°F) (TCC)

EVAPORATION RATE: No data available.

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

FLAMMABLE LIMITS: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

RELATIVE DENSITY: 0.98

SOLUBILITY IN WATER: Partial.

PARTITION COEFFICIENT (Log K_{ow}): No data available.

AUTOIGNITION TEMPERATURE: No data available.

DECOMPOSITION TEMPERATURE: No data available.

VISCOSITY: No data available.

PERCENT VOLATILE: ~95

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: Hydrogen chloride, phosgene, irritating fumes at high temperatures.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation and skin.

ACUTE TOXICITY (ATE)

DERMAL LD₅₀: > 2,000 mg/kg (rabbit)

ORAL LD₅₀: > 2,000 mg/kg (rat)

INHALATION LD₅₀: > 20.0 mg/L

CHRONIC TOXICITY

TARGET ORGANS: A component of this product has caused an increase in liver size in animals, which is believed to be an adaptive, not toxic effect; not considered relevant to humans. Components of this product caused effects in the liver, kidney, blood, and spleen in lab animals; the relevance to humans is unknown.

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: ACGIH: A3. A component of this product has caused increased incidence of tumors in lab animals; the relevance to humans is unknown.

OTHER: No data available.

REPRODUCTIVE EFFECTS: May damage fertility or the unborn child.

MUTAGENICITY: A component in this may cause DNA damage in animals. The relevance to humans is unknown.

SYNERGISTIC MATERIALS: No data available.

POTENTIAL HEALTH EFFECTS

EYES: May cause permanent eye damage including blindness.

SKIN: Prolonged or repeated contact may cause dermatitis.

SKIN ABSORPTION: No data available.

INGESTION: May be harmful if swallowed. In the case of vomiting, product may be aspirated into lungs causing chemical pneumonia, which in extreme cases could lead to death. See section 4, First Aid Measures, for more information.

ASPIRATION HAZARD: No data available.

INHALATION: High doses may cause CNS depression (fatigue, dizziness and possibly loss of concentration, with collapse, coma and death in cases of severe over-exposure). May affect blood, kidney, liver, central nervous system.

MEDICAL CONDITIONS AGGRAVATED: Preexisting conditions of the eyes, skin, blood, and respiratory system.

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

12. ECOLOGICAL INFORMATION

ECOTOXICITY: A component of this product has moderate aquatic toxicity.

PERSISTENCE AND DEGRADABILITY: All components are readily biodegradable.

BIOACCUMULATIVE POTENTIAL: A component has moderate potential to bioaccumulate.

MOBILITY IN SOIL: Components of this product have high mobility in soil.

OTHER ADVERSE EFFECTS: No data available.

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 management facility. Consult federal, state, and local authorities for approved procedures.

EMPTY CONTAINER: Empty containers should be taken to an approved waste handling site for recycling or disposal.

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

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Not regulated when shipped by ground.

TECHNICAL NAME(S): Not applicable.

PRIMARY HAZARD CLASS/DIVISION: Not applicable.

UN/NA NUMBER: Not applicable.

PACKING GROUP: Not applicable.

LABEL: Not applicable.

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

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated if shipped by ground.

TECHNICAL NAME: Not applicable.

PRIMARY HAZARD CLASS/DIVISION: Not applicable.

UN/NA NUMBER: Not applicable.

PACKING GROUP: Not applicable.

LABEL: Not applicable.

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

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Flammable Liquid, NOS

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1993

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: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes.
CHRONIC: Yes.

313 REPORTABLE INGREDIENTS: Some ingredients are reportable.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Not regulated for transportation.

STATE REGULATIONS**MASSACHUSETTS**

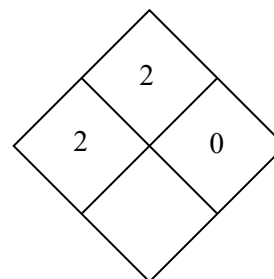
Contains one or more substances regulated by the Massachusetts Substance List.

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

HMIS RATINGS	
HEALTH:	2
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS

SDS Revision Date: May 21, 2025