SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Economy Line
OTHER MEANS OF IDENTIFICATION: Not applicable.
GENERAL USE: For professional drycleaning use only.
PRODUCT DESCRIPTION: Drycleaning Detergent

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 Liquids: Category 4
Aspiration Hazard: Category 1
Skin Corrosion/Irritation: Category 2
Eye Damage/Irritation: Category 2
Specific Target Organ Toxicity (STOT-Single Exposure)
Narcotic Effects: Category 3
Carcinogenicity: Category 2

GHS LABEL ELEMENTS

Symbol(s):

Signal Word: Danger

Hazard Statements:
H227 – Combustible liquid.
H304 – May be fatal if swallowed and enters airways.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H336 – May cause drowsiness or dizziness.
H351 – Suspected of causing cancer.
H360 – May damage fertility or the unborn child.

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.
P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 – Wash skin thoroughly after handling.
P271 – Use only outdoors or in well-ventilated areas.
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.
P304+P340+P312 – IF INHALED: Remove person to fresh air and keep at rest in a position 
comfortable for breathing. Call POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact 
lenses, if present and easy to do. Continue rinsing.
P308+P313 – If exposed or concerned: Get medical advice/attention.
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.
P370+P378 – In case of fire: Use water fog or fine spray, foam, carbon dioxide extinguishers, or dry 
chemical extinguishers for extinction.
P501 – Dispose of contents/container in accordance with local/regional/national/international 
regulations.

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.

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<tr>
<td>Trade Secret #3</td>
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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: Irritation, redness, watering, stinging, burning sensation.

SKIN: Irritation, redness, swelling, burning sensation, drying.

SKIN ABSORPTION: Insufficient data available.

INGESTION: Nausea, vomiting, diarrhea, gastrointestinal tract irritation. Central nervous system 
effects, drowsiness, dizziness.

INHALATION: May be irritating to respiratory tract. Central nervous system depression, 
headache, nausea, dizziness, unconsciousness.

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 IIIA

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

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

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILL:** Contain spill. 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:** Keep away from heat, sparks and flame.

**HANDLING:** 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.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE GUIDELINES:**

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

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</table>

**TABLE FOOTNOTES:**

1. NE=Not established.

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.
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 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: Minty.
ODOR THRESHOLD: No data available.
pH: 6-7 (20:80 in IPA/H2O soln.)
FREEZING POINT: No data available.
INITIAL BOILING POINT: No data available.
FLASHPOINT: 74°C (165°F) (PM)
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: 0.870
SOLUBILITY IN WATER: Insoluble.
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: ~67

10. STABILITY AND REACTIVITY

REACTIVITY: No.
CHEMICAL STABILITY: Stable.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: High heat.
INCOMPATIBLE MATERIALS: Strong oxidizers, strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS: High heat may form noxious decomposition products.
11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation and skin.

ACUTE TOXICITY (ATE)

DERMAL LD$_{50}$: Insufficient data available.

ORAL LD$_{50}$: > 2,000 mg/kg (rat)

INHALATION LC$_{50}$: Insufficient data available.

CHRONIC TOXICITY

TARGET ORGANS: Components of this product caused liver and/or kidney effects in lab animals; the relevance to humans is unknown. Components of this product may affect the central nervous system and respiratory tract.

SENSITIZATION: Insufficient data available.

CARCINOGENICITY

IARC: A component of this product is classified as Group 2B (Possibly carcinogenic to humans).

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: No listed as a carcinogen.

REPRODUCTIVE EFFECTS: Insufficient data available.

MUTAGENICITY: Insufficient data available.

SYNERGISTIC MATERIALS: No data available.

POTENTIAL HEALTH EFFECTS

EYES: Insufficient data available.

SKIN: Insufficient data available.

SKIN ABSORPTION: Insufficient data available.

INGESTION: May be harmful or fatal 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: Yes.

INHALATION: May be harmful if inhaled.

MEDICAL CONDITIONS AGGRAVATED: No data available.

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: Insufficient data available.

BIOACCUMULATIVE POTENTIAL: Insufficient data available.

MOBILITY IN SOIL: Insufficient data available.

OTHER ADVERSE EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate or dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Not applicable.

RCRA/EPWASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.
14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated if shipped by ground.
**OTHER SHIPPING INFORMATION:** Not applicable.

**CANADA TRANSPORT OF DANGEROUS GOODS**

**PROPER SHIPPING NAME:** Not regulated if shipped by ground.
**OTHER SHIPPING INFORMATION:** Not applicable.

**AIR (ICAO/IATA)**

**PROPER SHIPPING NAME:** Combustible Liquid, NOS
**PRIMARY HAZARD CLASS/DIVISION:** Combustible Liquid
**UN/NA NUMBER:** UN1993
**PACKING GROUP:** III
**LABEL:** Consult applicable regulations governing air shipments.
**PLACARDS:** Consult applicable regulations governing air shipments.
**IATA NOTE:** Consult IATA for 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: None.

**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 no substances regulated by the Massachusetts Substance List.

**CALIFORNIA**

**PROPOSITION 65 STATEMENT:** A component of this product is on the Proposition 65 list of chemicals known to the State of California to cause cancer.
16. OTHER INFORMATION

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**SDS Revision Date:** November 23, 2015

**NFPA RATINGS**

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1     0
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